

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



March 17, 2014

Advice Letter 4547

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

**Subject: 2013 Annual Compliance Report on Utility System Operator's
Southern System Reliability Purchases and Sales (Sept. 1, 2012 -
Aug. 31, 2013)**

Dear Ms. Prince:

Advice Letter 4547 is effective as of February 5, 2014, per Resolution G-3492.

Sincerely,

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

Edward F. Randolph, Director
Energy Division



Rasha Prince
Director
Regulatory Affairs

555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011
Tel: 213.244.5141
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October 1, 2013

Advice No. 4547
(U 904 G)

Public Utilities Commission of the State of California

Subject: 2013 Annual Compliance Report on Utility System Operator's Southern System Reliability Purchases and Sales (September 1, 2012 through August 31, 2013)

Southern California Gas Company (SoCalGas) hereby submits for filing with the California Public Utilities Commission (Commission) its 2013 Annual Compliance Report (ACR) to demonstrate that activities to maintain Southern System reliability from September 1, 2012 through August 31, 2013, are in compliance with the standards, criteria and procedures described in Sections 9 through 18 of SoCalGas Rule No. 41.

Background

SoCalGas is to submit an ACR on October 1 of each year regarding its Southern System reliability procurement activities for the previous 12-month period ending on August 31:

On October 1 of each year, the Utility shall provide a report ("Annual Compliance Report") demonstrating that the Operational Hub's procurement activities during the preceding twelve months ending August 31 were in compliance with the standards, criteria and procedures described in Sections 9 through 18 above. The Annual Compliance Report shall be submitted to the Energy Division by Advice Letter and shall be subject to comment or protest. Upon Energy Division review and verification of the Annual Compliance Report and the CPUC Resolution approving the Annual Compliance Report, all the transactions entered into the SRMA balance for the year in question that are found reasonable by the Energy Division shall be amortized in customer transportation rates over the following year.¹

¹ SoCalGas Rule No. 41(24). This provision is the result of D.09-11-006, which adopted SoCalGas' 2009 BCAP Phase Two Settlement Agreement. The acronym "SRMA" in the quotation above refers to SoCalGas' System Reliability Memorandum Account. As explained in Rule No. 41(19), "The cost and revenues of Operational Hub transactions (e.g., natural gas purchases, sales, or exchanges resulting from approved contracts) that are necessary to meet minimum flow requirements shall be recorded in the System Reliability Memorandum Account (SRMA)."

In Resolution G-3480 (relating to SoCalGas' 2012 ACR), the Commission directed SoCalGas to provide additional information in future ACRs:

[F]uture ACRs should include a narrative statement and a table in the text of the report presenting the number and percents of transactions by the Section of Rule 41 under which SoCalGas asserts the transactions to be reasonable. A narrative explanation for any transaction not meeting the requirements of Sections 13 and 14 should be included in any future ACR, and supplemented with additional exhibits and documentation as appropriate.

...

SoCalGas shall incorporate, in all future ACRs, a table, as described in ordering paragraph 3.(b) and narrative explanations supported by Resolution G-3480 appropriate documentation for any transactions to be evaluated as reasonable under Section 15 of Rule 41.²

Discussion

In accordance with Rule No. 41, SoCalGas hereby submits its ACR for the 12-month period ending August 31, 2013. SoCalGas believes that all of the transactions described in this ACR are reasonable and subject to amortization in customer transportation rates during 2014. SoCalGas is providing the additional information required by Resolution G-3480.

A. Transaction Overview

As shown in Attachment B, from September 1, 2012 through August 31, 2013, SoCalGas spent **\$7,876,555** to meet the Southern System minimum flow requirements. Over 98 days, SoCalGas purchased 19,319,690 dths (net of in-kind fuel) of spot gas at Ehrenberg for \$76,999,571. This spot gas was then resold at the SoCal Citygate for \$70,356,785, for a net cost of \$6,642,786. In addition to this net purchase cost, there was \$1,233,768 of BTS transportation charges.

This **\$7,876,555** is more than three times higher than the \$2,191,549 requested in AL 4406. Costs were driven higher by the total volumes purchased to support the Southern System, which are almost three times higher than volumes purchased in the prior year covered by AL 4406. In addition, the net cost per dth purchased was 27% higher (almost 41 cents/dth) in this filing compared to 32 cents/dth in AL 4406.³

² Resolution G-3480 at 11-12 and 12-13. Note that the reference to Section 15 of Rule No. 41 should actually be to Section 16. In 2012, SoCalGas added a new Section 15 to Rule No. 41, and the existing Section 15 was changed to Section 16. The text of this section was not changed, just the numbering.

³ 32 cents = \$2,191,549/6,837,893 dths for AL 4406. 41 cents = \$7,876,555/19,319,690 dths in this filing.

B. Transaction Detail

Attachment C shows the details of the purchases and sales summarized in Attachment B. All sales had prices that were within the automatic safe harbor price limits described in Section 13. The table below shows that 84% of transactions and purchase volumes were within the automatic safe harbor price limits described in Section 13. Another 14% were within parameters described in Section 14.⁴ Three transactions, representing 1% of transactions, were Section 15 transactions. Two transactions need to be justified under Section 16.

Southern System Purchases, September 2012-August 2013

	#	%	\$	%
Section 13	266	84	\$64,665,761	84
Section 14	44	14	\$10,875,071	14
Section 15	3	1	\$672,580	1
Section 16	2	1	\$786,160	1
Total	315		\$76,999,571	

Attachment D shows the ICE calculations for the Section 13 purchases and sales.⁵ All purchases were in response to System Operator requests for supply as documented in Attachment E.

In 2012, the Commission authorized SoCalGas to move supplies from Blythe to Otay Mesa when the Gas Control Department determines that deliveries at Otay Mesa are necessary to meet Southern System minimum flow requirements.⁶ The rules regarding such transactions are set forth in Section 15 of Rule No. 41, and such transactions are referred to by SoCalGas as Section 15 transactions. During the 12-month period ending on August 31, 2013, SoCalGas entered into three Section 15 transactions (TC 1777, 1778, and 1781) that provided a total of 150,000 dths of deliveries to Otay Mesa from the movement of supplies from Blythe to Otay Mesa. These transactions took place on January 15 and 16, 2013, pursuant to Gas Control's request for supplies at Otay Mesa. No supplies were available for purchase at Otay Mesa from ICE or from suppliers who can ship gas to Otay Mesa. Accordingly, these transactions are deemed to be reasonable pursuant to Section 15(2).⁷

Company names and counterparty names of purchases and sales are deemed confidential but they are included in Attachment F, which is being submitted under the confidentiality provisions

⁴ Section 14 requires the Operator to accept the lowest of at least three separate suppliers' offers to meet Southern System needs.

⁵ ICE price data is also available at the following link:
<https://www.theice.com/marketdata/reports/ReportCenter.shtml#report/76>.

⁶ See Resolution G-3474.

⁷ The relevant portion of Section 15 provides as follows: *Should it be necessary for the Operational Hub to move supplies from Blythe to Otay Mesa, the movement shall be deemed to be reasonable if (1) the cost of moving the supplies is less than or equal to the difference between the ICE Wtd Avg Index for the Blythe and the cost of spot gas available for purchase at Otay Mesa for the relevant flow date, or (2) if sufficient spot supplies are not available for purchase at Otay Mesa for the relevant flow date, and the movement fills some or all of the shortfall between supplies needed at Otay Mesa and supplies available for purchase at Otay Mesa.*

of General Order 66-C and Section 583 of the Public Utilities Code and provided only to the Energy Division.

C. Section 16 Transactions

Southern System support transactions that do not fall within the safe harbor provisions of Section 13, Section 14, or Section 15 of Rule No. 41 are subject to review for reasonableness by the Commission's Energy Division pursuant to Section 16 of Rule No. 41, and are referred to by SoCalGas as Section 16 transactions. As noted above, during the 12-month period ending on August 31, 2013, SoCalGas had two Section 16 transactions. These transactions were intraday transactions for flow on Christmas and New Year's Day, and it was not possible for SoCalGas to get three intraday offers in a timely manner in these instances. For the reasons described below, SoCalGas believes that both transactions were reasonable, and should be approved by the Commission.

1. TC 1571

Slightly after noon on Christmas Day, December 25, 2012, the Operational Hub received a call from Gas Control requesting 100,000 dth of Ehrenberg gas for Cycle 4 that day. Since this last nomination cycle closes at 3:00 PM, SoCalGas had less than three hours to find and schedule gas. This was unexpected because confirmed nominations in the previous three cycles had met the minimum flow requirement for the Southern System. In Cycle 3, which concluded at 8:00 AM Christmas morning, the minimum flow requirement of 494,474 dth was met with a confirmed nomination of 500,239 dth. Due to maintenance issues, however, El Paso only scheduled 366,660 dth, which created an unanticipated shortfall.

During this short window of opportunity, SoCalGas contacted four suppliers, and was able to reach two of them.⁸ One offered the entire requested quantity. The second supplier informed SoCalGas that he could not deliver supplies to the Southern System because of a force majeure at El Paso's Keystone compressor station.⁹ The two other suppliers SoCalGas tried to contact did not reply. The supplier who offered SoCalGas the Cycle 4 supplies needed by Gas Control indicated that they needed a quick answer because of the difficulty in getting people together on Christmas Day to procure the gas and make the nomination. SoCalGas needed to contact its scheduler and assure access to computer resources to handle scheduling. In addition, SoCalGas was concerned that the other two suppliers SoCalGas was trying to contact might also be affected by El Paso's force majeure. In light of these circumstances, the Operational Hub decided to accept the available Cycle 4 supplies even though SoCalGas had not received three offers.¹⁰ SoCalGas did not want to risk losing the supplies it had in hand in order to wait

⁸ Throughout 2012, the Operational Hub relied on four suppliers who had reliably provided SoCalGas with supplies it needed to meet Southern System minimum flowing supply requirements. Aside from the two instances described in this section and TC#1089 as reported in AL 4406-A, these four suppliers also managed to provide SoCalGas with at least three offers for Section 14 transactions in 2012. Given the time constraints and the holiday, the Operational Hub did not believe it would be successful in finding additional offers from other suppliers.

⁹ This statement was confirmed by an El Paso posting later on December 25 indicating a force majeure condition at Keystone which reduced capacity at that location from 830 MMcf/d to 280 MMcf/d.

¹⁰ The cost of this purchase was \$28,400 above the Section 13 safe harbor (\$4.20 x 100,000 dth versus \$3.916 x 100,000 dth).

for late-cycle Christmas-Day offers that might not materialize. The other two suppliers did not return SoCalGas' call that day.

2. TC 1625

On New Year's Eve, December 31, 2012, at 8:15 PM, the Operational Hub received a Cycle 3 call from Gas Control requesting 92,000 dth of Ehrenberg gas for New Year's Day. This request was unexpected, which was especially problematic on a holiday. In Cycle 1, which closed at 9:30 AM on December 31, the minimum flow requirement for New Year's Day was 488,593 dth. The confirmed nominations of 372,154 dth fell short by 116,439 dth. Gas Control requested 116,000 dth of Southern System gas for Cycle 2, which the Operational Hub obtained (Section 13 transaction). Later that day in Cycle 2, which closed at 4:00 PM, the minimum flow requirement was 486,586 dth and the confirmed nominations, which included the Operational Hub's purchase of 116,000 dth, was 490,634 dth, slightly above the minimum flow requirement. At this time it appeared that sufficient gas was coming in for New Year's Day. Later that evening, however, Gas Control increased the minimum flow requirement by 92,301 dth to 578,887 dth, and requested an additional purchase of 92,000 dth to make up the resulting supply shortfall.

At this late hour (10:15 PM Houston time), SoCalGas sent requests to its suppliers. No responses were received that night. Shortly after 6:00 AM on New Year's Day, requests were sent again to suppliers. Two responses were received each offering the entire quantity. SoCalGas waited until 7:30 AM, before executing on one of the offers. SoCalGas deemed it imprudent to wait further for the third offer that was unlikely to come this close to the scheduling deadline of 8:00 AM. As it turned out, SoCalGas did not hear back on its request from the other two suppliers.¹¹ In light of these circumstances, and in light of the fact that the lower priced offer was only \$0.05/dth higher than the Section 13 safe harbor standard, the Operational Hub decided to accept the available Cycle 3 supplies even though SoCalGas had only received two offers.¹²

Conclusion

For the reasons set forth above, SoCalGas respectfully requests that the Commission approve the ACR and determine that all of the transactions entered into the SRMA balance for September 1, 2012 through August 31, 2013, are reasonable and subject to amortization in customer transportation rates during 2014.

Protest

Anyone may protest this advice letter 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 advice letter, which is October 21, 2013. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is given below.

¹¹ As with transaction TC 1571, given the time constraints and the holiday, the Operational Hub did not believe it would be successful in finding additional offers from other suppliers. See footnote 7 above.

¹² The cost of this purchase was \$4,876 above the Section 13 safe harbor (\$3.98 x 92,000 dth versus \$3.927 x 92,000 dth).

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

Copies of the protest should also be sent via e-mail to the attention of 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

The Settlement Agreement in A.08-02-001 approved by D.09-11-006 directed that this filing be classified as Tier 3 pursuant to GO 96-B. SoCalGas respectfully requests that this filing be approved on or before the Commission meeting of November 14, 2013.

Notice

A copy of this AL is being sent to the parties listed on Attachment A, which includes parties to A.11-11-002, the 2013 SoCalGas/SDG&E TCAP.

Rasha Prince
Director- Regulatory Affairs

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

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

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Sid Newsom

Phone #: (213) 244-2846

E-mail: SNewsom@semprautilities.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 4547

Subject of AL: 2013 Annual Compliance Report on Utility System Operator's Southern System Reliability Purchases and Sales

Keywords (choose from CPUC listing): Procurement

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 and Resolution G-3480

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: Yes, Attachment F is confidential because it contains customer-specific information.

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: 11/14/13

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: None

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: None

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

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

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

¹ Discuss in AL if more space is needed.

ATTACHMENT A

Advice No. 4547

(See Attached Service Lists)

ATTACHMENT B

Advice No. 4547

SUMMARY OF PURCHASES/SALES

**Southern System Minimum Flow Purchases
September 2012 thru August 2013**

Southern System Minimum Flow Purchases
Summary Sept 2012 thru August 2013

Month	Request (Dth)	Purchases				Sales		Sub-Total Net Cost \$	BTS Transportation \$ charges	Total Cost \$
		Quantity (Dth)	In-Kind (Dth)	Net (Dth)	\$ Amt	Quantity (Dth)	\$ Amt			
Sep-12	0	0	0	0	\$0	0	\$0	\$0	0	\$0
Oct-12	485,000	482,000	1,436	480,564	\$1,818,050	480,338	(\$1,700,612)	\$117,438	\$46,262	\$163,700
Nov-12	845,000	838,834	2,500	836,334	\$3,277,169	836,334	(\$3,041,240)	\$235,929	\$54,848	\$290,777
Dec-12	2,345,000	2,336,707	6,963	2,329,744	\$8,919,342	2,325,542	(\$8,208,090)	\$711,252	\$139,785	\$851,037
Jan-13	9,572,000	9,405,532	32,672	9,372,860	\$36,397,992	9,377,062	(\$33,119,642)	\$3,278,350	\$656,100	\$3,934,450
Feb-13	0	0	0	0	\$0	0	\$0	\$0	\$0	\$0
Mar-13	308,000	307,999	1,004	306,995	\$1,279,006	306,995	(\$1,272,340)	\$6,666	\$23,025	\$29,691
Apr-13	0	0	0	0	\$0	0	\$0	\$0	\$0	\$0
May-13	0	0	0	0	\$0	0	\$0	\$0	\$0	\$0
Jun-13	1,587,000	1,431,384	3,794	1,427,590	\$6,302,087	1,427,688	(\$5,518,735)	\$783,352	\$171,311	\$954,663
Jul-13	2,974,000	2,877,384	5,524	2,871,860	\$12,237,791	2,871,762	(\$11,158,075)	\$1,079,716	\$102,164	\$1,181,880
Aug-13	1,697,000	1,697,000	3,257	1,693,743	\$6,768,134	1,693,744	(\$6,338,051)	\$430,083	\$40,273	\$470,356
Total =>	19,813,000	19,376,840	57,150	19,319,690	\$76,999,571	19,319,465	(\$70,356,785)	\$6,642,786	\$1,233,768	\$7,876,555

ATTACHMENT C

Advice No. 4547

DEALS, PUBLIC

Southern Systems Minimum Flow Purchase/Sale

NP = Not Purchased

Notification Minimum Flow			TC#	PURCHASE						TC#	SALE				Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)		Amt (Dths)	In-kind 0.22% (Dths)	Net Amt flowed (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt		Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	
10/1/12	10/2/12	60,000	1415	60,000	179	59,821	\$3.7000	within Sec 13	\$222,000	1416	10,000	10/2/12	\$3.7000	within Sec 13	\$37,000
										1417	39,595	10/2/12	\$3.6800	within Sec 13	\$145,710
										1418	10,000	10/2/12	\$3.6800	within Sec 13	\$36,800
10/2/12	10/3/12	80,000	1419	10,000	30	9,970	\$3.8000	within Sec 13	\$38,000	1421	79,762	10/3/12	\$3.6500	within Sec 13	\$291,131
			1420	67,000	199	66,801	\$3.8500	within Sec 13	\$257,950						
10/10/12	10/11/12	180,000	1429	30,000	89	29,911	\$3.7000	within Sec 13	\$111,000	1431	132,500	10/11/12	\$3.2500	within Sec 13	\$430,625
			1430	150,000	448	149,552	\$3.7000	within Sec 13	\$555,000	1432	10,000	10/11/12	\$3.6500	within Sec 13	\$36,500
										1433	30,000	10/12/12	\$3.6850	within Sec 13	\$110,550
										1434	3,974	10/11/12	\$3.6500	within Sec 13	\$14,505
10/16/12	10/17/12	90,000	1437	10,000	30	9,970	\$3.8600	within Sec 13	\$38,600	1439	80,000	10/17/12	\$3.7600	within Sec 13	\$300,800
			1438	80,000	238	79,762	\$3.9000	within Sec 13	\$312,000	1440	9,349	10/17/12	\$3.7900	within Sec 13	\$35,433
										1441	29	10/17/12	\$3.7600	within Sec 13	\$109
10/29/12	10/30/12	75,000	1462	75,000	223	74,777	\$3.7800	within Sec 13	\$283,500	1463	75,129	10/30/12	\$3.4800	within Sec 13	\$261,449
10/31/12	11/1/12	90,000	1466	63,000	188	62,812	\$4.0500	within Sec 13	\$255,150	1467	89,732	11/1/12	\$3.6500	within Sec 13	\$327,522
			1465	26,953	80	26,873	\$4.0500	within Sec 13	\$109,160						
11/1/12	11/1/12	60,000	1468	59,725	178	59,547	\$4.0500	within Sec 13	\$241,886	1469	59,500	11/1/12	\$3.8500	within Sec 13	\$229,075
11/1/12	11/2/12	50,000	1470	15,000	45	14,955	\$3.9800	within Sec 13	\$59,700	1472	35,000	11/2/12	\$3.8000	within Sec 13	\$133,000
			1471	34,323	102	34,221	\$4.0000	within Sec 13	\$137,292	1473	15,100	11/2/12	\$3.7000	within Sec 13	\$55,870
11/8/12	11/8/12	40,000	1474	14,073	42	14,031	\$3.9500	within Sec 13	\$55,588	1475	14,193	11/8/12	\$3.7500	within Sec 13	\$53,224
			1477	23,680	71	23,609	\$4.0000	within Sec 13	\$94,720	1476	23,183	11/8/12	\$3.6000	within Sec 13	\$83,459
11/8/12	11/8/12	40,000	1479	15,949	48	15,901	\$3.9500	within Sec 13	\$62,999	1480	16,086	11/8/12	\$3.5500	within Sec 13	\$57,105
			1481	21,389	64	21,325	\$3.9000	within Sec 13	\$83,417	1482	21,405	11/8/12	\$3.6000	within Sec 13	\$77,058
11/17/12	11/17/12	40,000	1484	39,999	119	39,880	\$3.9000	within Sec 13	\$155,996	1485	39,880	11/17/12	\$3.6500	within Sec 13	\$145,562
11/18/12	11/19/12	20,000	1486	20,000	60	19,940	\$3.9000	within Sec 13	\$78,000	1487	19,940	11/19/12	\$3.6500	within Sec 13	\$72,781
11/21/12	11/22/12	80,000	1490	35,000	104	34,896	\$3.8500	within Sec 13	\$134,750	1491	35,000	11/22/12	\$3.5500	within Sec 13	\$124,250
			1492	45,000	134	44,866	\$3.8500	within Sec 13	\$173,250	1493	44,762	11/22/12	\$3.6000	within Sec 13	\$161,143
11/22/12	11/23/12	70,000	1494	70,000	209	69,791	\$3.8500	within Sec 13	\$269,500	1495	69,791	11/23/12	\$3.6000	within Sec 13	\$251,248
11/23/12	11/23/12	40,000	1498	40,000	119	39,881	\$3.8500	within Sec 13	\$154,000	1499	39,881	11/23/12	\$3.6000	within Sec 13	\$143,572
11/23/12	11/24/12	80,000	1496	79,743	238	79,505	\$3.8500	within Sec 13	\$307,011	1497	79,505	11/24/12	\$3.6000	within Sec 13	\$286,218
11/24/12	11/25/12	75,000	1500	75,000	224	74,777	\$3.8500	within Sec 13	\$288,750	1501	74,777	11/25/12	\$3.6000	within Sec 13	\$269,197
11/25/12	11/26/12	160,000	1502	160,000	477	159,523	\$3.8500	within Sec 13	\$616,000	1503	158,599	11/26/12	\$3.6000	within Sec 13	\$570,956
11/30/12	12/1/12	60,000	1507	35,000	105	34,895	\$3.7300	within Sec 13	\$130,550	1508	34,895	12/1/12	\$3.5000	within Sec 13	\$122,133
			1509	25,000	74	24,926	\$3.6500	within Sec 13	\$91,250	1510	24,926	12/1/12	\$3.4000	within Sec 13	\$84,748
12/1/12	12/2/12	45,000	1511	28,578	86	28,492	\$3.7300	within Sec 13	\$106,596	1512	28,497	12/2/12	\$3.5000	within Sec 13	\$99,740
			1513	8,171	24	8,147	\$3.6500	within Sec 13	\$29,824	1514	8,142	12/2/12	\$3.4000	within Sec 13	\$27,683
12/4/12	12/5/12	55,000	1516	30,000	89	29,911	\$4.0000	within Sec 14	\$120,000	1520	20,000	12/5/12	\$3.7600	within Sec 13	\$75,200
			1515	25,000	75	24,925	\$3.7900	within Sec 14	\$94,750	1517	10,000	12/5/12	\$3.7700	within Sec 13	\$37,700
							\$4.0000	55,000 dths NP		1518	10,000	12/5/12	\$3.7650	within Sec 13	\$37,650
							\$4.0100	10,000 dths NP		1519	4,836	12/5/12	\$3.7600	within Sec 13	\$18,183
										1521	10,000	12/6/12	\$3.7800	within Sec 13	\$37,800
12/10/12	12/11/12	57,000	1523	37,000	110	36,890	\$3.9600	within Sec 13	\$146,520	1528	10,000	12/11/12	\$3.7800	within Sec 13	\$37,800
			1522	20,000	60	19,940	\$3.9000	within Sec 13	\$78,000	1524	10,000	12/11/12	\$3.7800	within Sec 13	\$37,800
										1525	10,000	12/11/12	\$3.7800	within Sec 13	\$37,800
										1526	10,000	12/11/12	\$3.7800	within Sec 13	\$37,800

Date notified	Flow Date	Amt needed (Dths)	Amt (Dths)	In-kind 0.22% (Dths)	Net Amt flowed (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale	
									1527	12/11/12	\$3.7600	within Sec 13	\$25,681		
									1529	12/12/12	\$3.7500	within Sec 13	\$37,500		
12/18/12	12/19/12	151,000	1535	151,000	450	150,550	\$3.8500	within Sec 13	\$581,350	1538	10,000	12/20/12	\$3.5950	within Sec 13	\$35,950
12/19/12	12/19/12	17,000	1536	17,000	51	16,949	\$3.8500	within Sec 13	\$65,450	1539	5,000	12/20/12	\$3.5950	within Sec 13	\$17,975
										1540	300	12/20/12	\$3.5950	within Sec 13	\$1,079
										1541	12,000	12/20/12	\$3.5950	within Sec 13	\$43,140
										1537	117,316	12/19/12	\$3.6000	within Sec 13	\$422,338
12/19/12	12/20/12	309,000	1543	273,000	813	272,187	\$3.7800	within Sec 13	\$1,031,940	1544	300,000	12/20/12	\$3.5700	within Sec 13	\$1,071,000
										1542	36,000	12/20/12	\$3.4500	within Sec 13	\$51,750
12/20/12	12/20/12	15,000	1546	15,000	45	14,955	\$3.8000	within Sec 13	\$57,000	1548	8,000	12/21/12	\$3.6750	within Sec 13	\$29,400
12/20/12	12/20/12	110,000	1551	110,000	328	109,672	\$3.8600	within Sec 13	\$424,600	1552	110,000	12/20/12	\$3.2200	within Sec 13	\$354,200
12/20/12	12/21/12	275,000	1553	36,000	107	35,893	\$3.7500	within Sec 13	\$135,000	1555	89,000	12/21/12	\$3.5000	within Sec 13	\$311,500
										1554	239,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1558	20,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1559	20,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1560	20,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1561	20,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1562	20,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1563	25,800	12/22-24/2012	\$3.7400	within Sec 13	\$96,492
										1564	20,000	12/21/12	\$3.7600	within Sec 13	\$75,200
										1565	19,000	12/21/12	\$3.7500	within Sec 13	\$71,250
12/21/12	12/22/12	72,000	1566	35,959	107	35,852	\$3.7500	within Sec 13	\$134,846	1568	30,000	12/22/12	\$3.7300	within Sec 13	\$111,900
										1567	36,000	12/22/12	\$3.7000	within Sec 13	\$111,000
12/22/12	12/23/12	15,000	1570	15,000	45	14,955	\$3.9900	within Sec 13	\$59,850	1574	163,000	12/26/12	\$3.5000	within Sec 13	\$570,500
12/25/12	12/25/12	100,000	1571	100,000	298	99,702	\$4.2000	Section 16	\$420,000	1576	20,000	12/27/12	\$3.6700	within Sec 13	\$73,400
12/25/12	12/26/12	248,000	1573	162,999	486	162,513	\$3.9000	within Sec 13	\$635,696	1577	15,000	12/27/12	\$3.6700	within Sec 13	\$55,050
										1575	25,000	12/27/12	\$3.6700	within Sec 13	\$110,100
										1579	60,000	12/26/12	\$3.2700	within Sec 13	\$196,200
										1581	20,000	12/26/12	\$3.6700	within Sec 13	\$73,400
										1582	10,000	12/26/12	\$3.6600	within Sec 13	\$36,600
										1583	15,000	12/26/12	\$3.6800	within Sec 13	\$55,200
										1584	20,000	12/26/12	\$3.6700	within Sec 13	\$73,400
12/26/12	12/27/12	176,000	1585	36,000	107	35,893	\$3.7000	within Sec 13	\$133,200	1587	35,000	12/27/12	\$3.5000	within Sec 13	\$122,500
										1586	35,000	12/27/12	\$3.5000	within Sec 13	\$367,500
										1588	105,000	12/27/12	\$3.5000	within Sec 13	\$112,000
12/27/12	12/27/12	32,000	1590	32,000	95	31,905	\$3.8000	within Sec 13	\$121,600	1593	20,000	12/27/12	\$3.6000	within Sec 13	\$72,000
										1595	171,000	12/28/12	\$3.4000	within Sec 13	\$581,400
12/27/12	12/28/12	207,000	1592	36,000	107	35,893	\$3.6800	within Sec 13	\$132,480	1596	20,000	12/27/12	\$3.6000	within Sec 13	\$72,000
										1594	171,000	12/28/12	\$3.6000	within Sec 13	\$72,000
12/28/12	12/28/12	43,000	1598	43,000	128	42,872	\$3.7000	within Sec 13	\$159,100	1599	43,000	12/28/12	\$3.4000	within Sec 13	\$146,200
										1600	10,000	12/28/12	\$3.6300	within Sec 13	\$36,300
										1603	10,000	12/28/12	\$3.6700	within Sec 13	\$36,700
										1604	20,000	12/28/12	\$3.6700	within Sec 13	\$73,400
12/28/12	12/29/12	100,000	1605	20,000	60	19,940	\$3.7000	within Sec 13	\$74,000	1607	25,000	12/29/12	\$3.4000	within Sec 13	\$85,000
										1606	25,000	12/29/12	\$3.4000	within Sec 13	\$187,000
										1608	55,000	12/29-31/2012	\$3.6600	within Sec 13	\$54,900
12/29/12	12/30/12	92,000	1612	92,000	274	91,726	\$3.7000	within Sec 13	\$340,400	1613	92,000	12/30/12	\$3.4000	within Sec 13	\$312,800
12/30/12	12/30/12	37,000	1614	37,000	110	36,890	\$3.7000	within Sec 13	\$136,900	1615	37,000	12/30/12	\$3.4000	within Sec 13	\$125,800
12/30/12	12/31/12	84,000	1616	84,000	250	83,750	\$3.7000	within Sec 13	\$310,800	1617	84,000	12/31/12	\$3.4000	within Sec 13	\$285,600
12/31/12	12/31/12	45,000	1618	26,000	77	25,923	\$3.7000	within Sec 13	\$96,200	1620	19,000	12/31/12	\$3.4000	within Sec 13	\$64,600
										1619	19,000	12/31/12	\$3.6600	within Sec 13	\$91,500
										1622	15,000	12/31/12	\$3.6300	within Sec 13	\$54,450
12/31/12	1/1/13	116,000	1623	116,000	378	115,622	\$3.8000	within Sec 13	\$440,800	1624	116,000	1/1/13	\$3.5000	within Sec 13	\$406,000
1/1/13	1/1/13	92,000	1625	92,000	300	91,700	\$3.9800	Section 16	\$366,160	1626	92,000	1/1/13	\$3.2300	within Sec 13	\$297,160
1/1/13	1/2/13	262,000	1627	15,000	49	14,951	\$3.8500	within Sec 13	\$57,750	1629	40,000	1/2/13	\$3.5500	within Sec 13	\$142,000
										1628	40,000	1/2/13	\$3.2900	within Sec 13	\$681,030
										1630	207,000	1/2/13	\$3.4800	within Sec 13	\$34,800
										1633	7,700	1/2/13	\$3.4700	within Sec 13	\$26,719
1/2/13	1/3/13	280,000	1634	44,993	147	44,846	\$3.8000	within Sec 13	\$170,973	1635	44,999	1/3/13	\$3.4500	within Sec 13	\$155,247
										1636	235,000	1/3/13	\$3.4700	within Sec 13	\$173,455
1/3/13	1/3/13	18,000	1640	18,000	58	17,942	\$3.7000	within Sec 13	\$66,600	1638	79,980	1/3/13	\$3.4500	within Sec 13	\$275,931
										1639	85,000	1/3/13	\$3.3700	within Sec 13	\$286,450
										1641	15,000	1/4/13	\$3.4450	within Sec 13	\$51,675
1/3/13	1/4/13	290,000	1642	73,037	238	72,799	\$3.6500	within Sec 13	\$266,585	1643	75,000	1/4/13	\$3.2500	within Sec 13	\$243,750
										1644	35,498	1/4/13	\$3.1500	within Sec 13	\$315,000
										1645	100,000	1/4/13	\$3.1200	within Sec 13	\$246,480
										1647	79,000	1/4/13	\$3.4100	within Sec 13	\$110,825
1/4/13	1/4/13	42,000	1651	42,000	137	41,863	\$3.7000	within Sec 13	\$155,400	1650	20,000	1/4/13	\$3.4100	within Sec 13	\$68,200
										1652	42,000	1/4/13	\$3.1200	within Sec 13	\$131,040
1/4/13	1/5/13	165,000	1653	16,000	52	15,948	\$3.6500	within Sec 13	\$58,400	1655	49,999	1/5/13	\$3.3800	within Sec 13	\$168,997
										1654	50,000	1/6/13	\$3.1500	within Sec 13	\$220,500
										1656	99,000	1/7/13	\$3.3000	within Sec 13	\$231,000
										1663	126,000	1/7/13	\$3.1500	within Sec 13	\$396,900

Date notified	Flow Date	Amt needed (Dths)	Amt (Dths)	In-kind 0.22% (Dths)	Net Amt flowed (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale	
			1772	74,914	244	74,670	\$4.1500	within Sec 14	\$310,893						
			1773	14,000	46	13,954	\$4.1500	within Sec 14	\$58,100						
			1774	198,341	648	197,693	\$4.1500	within Sec 14	\$823,115						
			1775	116,000	378	115,622	\$4.1500	within Sec 14	\$481,400						
1/15/13	1/16/13	50,000	1781	50,000	834	49,166	\$4.3172	within Sec 15	\$215,860						
1/16/13	1/16/13	59,000	1784	14,400	47	14,353	\$3.9500	within Sec 13	\$56,880						
1/16/13	1/17/13	464,000	1786	76,400	249	76,151	\$3.9000	within Sec 13	\$297,960						
			1787	61,600	201	61,399	\$3.9700	within Sec 13	\$244,552						
			1788	126,000	411	125,589	\$4.0000	within Sec 13	\$504,000						
			1790	60,000	196	59,804	\$4.0000	within Sec 13	\$240,000						
			1791	15,000	49	14,951	\$4.0000	within Sec 13	\$60,000						
			1792	124,847	407	124,440	\$4.0500	within Sec 14	\$505,630						
1/17/13	1/17/13	49,000	1796	15,000	48	14,952	\$3.9000	within Sec 13	\$58,500						
1/17/13	1/18/13	460,000	1798	80,000	261	79,739	\$3.8500	within Sec 13	\$308,000						
			1799	14,999	49	14,950	\$3.8600	within Sec 13	\$57,896						
			1800	80,000	261	79,739	\$3.9200	within Sec 13	\$313,600						
			1801	58,600	191	58,409	\$3.9100	within Sec 13	\$229,126						
			1802	126,000	411	125,589	\$3.9500	within Sec 13	\$497,700						
			1804	100,400	327	100,073	\$3.9500	within Sec 13	\$396,580						
1/18/13	1/19/13	321,000	1807	36,000	117	35,883	\$3.8700	within Sec 13	\$139,320						
			1808	90,000	293	89,707	\$3.9100	within Sec 13	\$351,900						
			1809	96,000	313	95,687	\$3.9400	within Sec 13	\$378,240						
			1810	99,000	323	98,677	\$3.9500	within Sec 13	\$391,050						
1/19/13	1/20/13	310,000	1814	89,473	292	89,181	\$3.8500	within Sec 13	\$344,471						
			1815	85,000	277	84,723	\$3.8700	within Sec 13	\$328,950						
			1816	96,000	313	95,687	\$3.8700	within Sec 13	\$371,520						
			1818	39,000	127	38,873	\$3.8800	within Sec 13	\$151,320						
1/20/13	1/21/13	288,000	1820	90,000	293	89,707	\$3.8000	within Sec 13	\$342,000						
			1821	46,000	150	45,850	\$3.8200	within Sec 13	\$175,720						
			1822	50,000	163	49,837	\$3.8200	within Sec 13	\$191,000						
			1824	102,000	333	101,667	\$3.8300	within Sec 13	\$390,660						
1/21/13	1/22/13	310,000	1825	46,000	150	45,850	\$3.8200	within Sec 13	\$175,720						
			1826	200,000	652	199,348	\$3.8300	within Sec 13	\$766,000						
			1827	64,000	209	63,791	\$3.8500	within Sec 13	\$246,400						
1/22/13	1/23/13	282,000	1842	34,000	111	33,889	\$3.8000	within Sec 13	\$129,200						
			1843	15,000	48	14,952	\$3.8000	within Sec 13	\$57,000						
			1844	100,000	326	99,674	\$3.8300	within Sec 13	\$383,000						
			1845	133,000	434	132,566	\$3.8300	within Sec 13	\$509,390						
1/23/13	1/24/13	236,000	1847	105,000	342	104,658	\$3.7600	within Sec 13	\$394,800						
			1848	25,000	82	24,918	\$3.8000	within Sec 13	\$95,000						
			1849	15,000	49	14,951	\$3.8000	within Sec 13	\$57,000						
			1850	20,000	65	19,935	\$3.8100	within Sec 13	\$76,200						
			1851	71,000	231	70,769	\$3.8300	within Sec 13	\$271,930						
1/24/13	1/25/13	174,000	1854	14,999	48	14,951	\$3.7600	within Sec 13	\$56,396						
			1855	110,000	359	109,641	\$3.8100	within Sec 13	\$419,100						
			1856	49,000	160	48,840	\$3.8100	within Sec 13	\$186,690						
1/27/13	1/28/13	93,000	1859	25,000	81	24,919	\$3.8000	within Sec 13	\$95,000						
			1860	68,000	222	67,778	\$3.8000	within Sec 13	\$258,400						
3/12/13	3/13/13	40,000	1872	10,000	32	9,968	\$3.8500	within Sec 13	\$38,500	1874	39,859	3/13/13	\$3.8550	within Sec 13	\$153,656
			1873	30,000	98	29,902	\$3.9000	within Sec 13	\$117,000						
3/15/13	3/16/13	30,000	1875	30,000	98	29,902	\$4.0700	within Sec 13	\$122,100	1878	74,767	3/19/13	\$4.1450	within Sec 13	\$309,909
										1879	7,500	3/18/13	\$4.1600	within Sec 13	\$31,200
3/17/13	3/18/13	75,000	1876	40,000	130	39,870	\$4.0700	within Sec 13	\$162,800	1880	7,402	3/18/13	\$4.1600	within Sec 13	\$30,792
			1877	35,000	114	34,886	\$4.0000	within Sec 13	\$140,000	1881	15,000	3/18/13	\$4.1500	within Sec 13	\$62,250
3/19/13	3/20/13	50,000	1882	25,000	82	24,918	\$4.2400	within Sec 13	\$106,000	1884	49,836	3/21/13	\$4.1900	within Sec 13	\$208,813
			1883	25,000	81	24,919	\$4.2500	within Sec 13	\$106,250						
3/21/13	3/21/13	30,000	1885	9,999	33	9,966	\$4.2500	within Sec 13	\$42,496	1887	10,000	3/22/13	\$4.1500	within Sec 13	\$41,500
			1886	20,000	65	19,935	\$4.3500	within Sec 13	\$87,000	1888	10,000	3/22/13	\$4.1500	within Sec 13	\$41,500
										1889	9,000	3/22/13	\$4.1500	within Sec 13	\$37,350
										1891	902	3/22/13	\$4.1500	within Sec 13	\$3,743
3/26/13	3/27/13	83,000	1897	20,000	65	19,935	\$4.2500	within Sec 13	\$85,000	1900	80,000	3/27/13	\$4.2500	within Sec 13	\$340,000
			1898	15,000	49	14,951	\$4.3000	within Sec 13	\$64,500	1901	2,729	3/27/13	\$4.2600	within Sec 13	\$11,626
			1899	48,000	157	47,843	\$4.3200	within Sec 13	\$207,360						
6/13/13	6/13/13	98,000	1915	10,000	27	9,973	\$3.8500	within Sec 13	\$38,500	1916	10,000	6/13/13	\$3.8500	within Sec 13	\$38,500
			1917	60,000	159	59,841	\$3.9500	within Sec 13	\$237,000	1919	50,000	6/14/13	\$3.9100	within Sec 13	\$195,500
			1918	28,000	74	27,926	\$4.0500	within Sec 13	\$113,400	1920	30,000	6/14/13	\$3.9100	within Sec 13	\$117,300
										1921	7,740	6/17/13	\$3.9900	within Sec 13	\$30,883
6/26/13	6/27/13	186,000	1936	23,000	61	22,939	\$3.9000	within Sec 13	\$89,700	1937	23,000	6/27/13	\$3.9000	within Sec 13	\$89,700
			1938	13,507	35	13,472	\$4.0000	within Sec 13	\$54,028	1939	15,000	6/27/13	\$3.9250	within Sec 13	\$58,875
			1942	147,432	391	147,041	\$4.1500	within Sec 13	\$611,843	1943	147,464	6/27/13	\$3.9250	within Sec 13	\$578,796
6/27/13	6/27/13	50,000	1944	50,000	133	49,867	\$4.2000	within Sec 14	\$210,000	1945	50,000	6/27/13	\$3.9250	within Sec 13	\$196,250
							\$4.2300	10,000 dths NP							

Date notified	Flow Date	Amt needed (Dths)		Amt (Dths)	In-kind 0.22% (Dths)	Net Amt flowed (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt		Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale
							\$4.6000	10,000 dths NP		2041	10,000	7/12/13	\$3.8400	within Sec 13	\$38,400	
7/9/13	7/10/13	163,000	2035	19,500	37	19,463	\$3.9700	within Sec 13	\$77,415	2041	162,000	7/12/13	\$3.8400	within Sec 13	\$622,080	
			2036	35,000	67	34,933	\$4.0500	within Sec 13	\$141,750							
			2037	60,000	116	59,884	\$4.2500	within Sec 13	\$255,000							
			2038	48,500	93	48,407	\$4.2500	within Sec 13	\$206,125							
7/10/13	7/11/13	82,000	2039	30,000	57	29,943	\$4.1000	within Sec 13	\$123,000	2041	78,000	7/12/13	\$3.8400	within Sec 13	\$299,520	
			2040	52,000	100	51,900	\$4.2500	within Sec 13	\$221,000	2043	4,000	7/15/13	\$3.6000	within Sec 13	\$14,400	
7/15/13	7/15/13	36,000	2042	36,000	69	35,931	\$4.0000	within Sec 13	\$144,000	2043	32,000	7/15/13	\$3.6000	within Sec 13	\$115,200	
										2045	4,000	7/19/13	\$3.8750	within Sec 13	\$15,500	
7/15/13	7/16/13	46,000	2044	46,000	88	45,912	\$4.1900	within Sec 13	\$192,740	2045	44,396	7/19/13	\$3.8750	within Sec 13	\$172,035	
7/20/13	7/21/13	40,000	2046	40,000	77	39,923	\$4.2000	within Sec 13	\$168,000	2050	10,000	7/23/13	\$3.8600	within Sec 13	\$38,600	
7/21/13	7/21/13	23,000	2049	23,000	44	22,956	\$4.2000	within Sec 13	\$96,600	2051	10,000	7/23/13	\$3.8600	within Sec 13	\$38,600	
										2052	20,000	7/23/13	\$3.8600	within Sec 13	\$77,200	
										2053	10,000	7/23/13	\$3.8500	within Sec 13	\$38,500	
										2054	10,000	7/23/13	\$3.8600	within Sec 13	\$38,600	
										2055	3,000	7/23/13	\$3.8600	within Sec 13	\$11,580	
7/21/13	7/22/13	157,000	2047	97,991	188	97,803	\$4.2000	within Sec 13	\$411,562	2055	7,000	7/23/13	\$3.8600	within Sec 13	\$27,020	
			2048	58,994	113	58,881	\$4.4100	within Sec 14	\$260,164	2056	5,000	7/23/13	\$3.8600	within Sec 13	\$19,300	
							\$4.7500	157,000 dths NP								
							\$5.0000	157,000 dths NP								
							\$4.9500	40,000 dths NP								
7/22/13	7/22/13	63,000	2069	63,000	121	62,879	\$4.2000	within Sec 13	\$264,600	2057	9,000	7/23/13	\$3.8600	within Sec 13	\$34,740	
										2058	10,000	7/23/13	\$3.8550	within Sec 13	\$38,550	
										2059	10,000	7/22/13	\$3.8600	within Sec 13	\$38,600	
										2060	5,000	7/23/13	\$3.8600	within Sec 13	\$19,300	
										2061	1,000	7/23/13	\$3.8600	within Sec 13	\$3,860	
										2062	10,000	7/22/13	\$3.8600	within Sec 13	\$38,600	
										2063	10,000	7/22/13	\$3.8600	within Sec 13	\$38,600	
										2064	10,000	7/22/13	\$3.8600	within Sec 13	\$38,600	
										2065	10,000	7/22/13	\$3.8600	within Sec 13	\$38,600	
										2066	10,000	7/23/13	\$3.8500	within Sec 13	\$38,500	
										2067	10,000	7/23/13	\$3.8500	within Sec 13	\$38,500	
										2068	10,000	7/23/13	\$3.8500	within Sec 13	\$38,500	
										2073	102,500	7/25/13	\$3.9350	within Sec 13	\$403,338	
7/22/13	7/23/13	75,000	2070	75,000	144	74,856	\$4.2000	within Sec 13	\$315,000	2073	80,149	7/25/13	\$3.9350	within Sec 13	\$315,386	
7/23/13	7/23/13	53,000	2071	24,000	46	23,954	\$4.2000	within Sec 13	\$100,800	2074	19,000	7/23/13	\$3.9300	within Sec 13	\$74,670	
7/23/13	7/24/13	183,000	2072	183,000	351	182,649	\$4.2100	within Sec 13	\$770,430	2074	81,000	7/23/13	\$3.9300	within Sec 13	\$318,330	
										2075	101,801	7/25/13	\$3.9350	within Sec 13	\$400,587	
7/24/13	7/25/13	176,000	2076	13,000	25	12,975	\$4.1700	within Sec 13	\$54,210	2078	175,000	7/26/13	\$3.9350	within Sec 13	\$688,625	
			2077	163,000	313	162,687	\$4.2700	within Sec 13	\$696,010						\$0	
7/25/13	7/26/13	111,000	2079	10,000	19	9,981	\$4.0000	within Sec 13	\$40,000	2084	142,389	7/29/13	\$3.7100	within Sec 13	\$528,263	
			2080	39,000	75	38,925	\$4.2000	within Sec 13	\$163,800						\$0	
			2081	62,000	119	61,881	\$4.2500	within Sec 13	\$263,500						\$0	
7/26/13	7/26/13	31,000	2082	31,000	60	30,940	\$4.2500	within Sec 13	\$131,750						\$0	
7/29/13	7/30/13	90,000	2085	90,000	173	89,827	\$4.0100	within Sec 13	\$360,900	2087	89,827	7/31/13	\$3.6900	within Sec 13	\$331,462	
8/12/13	8/13/13	90,000	2088	35,000	67	34,933	\$3.7000	within Sec 13	\$129,500	2093	187,639	8/14/13	\$3.5000	within Sec 13	\$665,737	
			2089	55,000	106	54,894	\$3.8300	within Sec 14	\$210,650							
							\$3.8500	55,000 dths NP								
8/13/13	8/14/13	98,000	2090	50,000	96	49,904	\$3.7500	within Sec 13	\$187,500							
			2091	7,000	13	6,987	\$3.7900	within Sec 14	\$26,530							
			2092	41,000	79	40,921	\$3.8500	within Sec 14	\$157,850							
8/14/13	8/15/13	158,000	2094	15,000	28	14,972	\$3.6500	within Sec 13	\$54,750	2096	155,000	8/15/13	\$3.5400	within Sec 13	\$548,700	
			2095	143,000	275	142,725	\$3.8800	within Sec 14	\$554,840							
							\$3.9000	70,000 dths NP								
							\$3.9000	70,000 dths NP								
8/18/13	8/19/13	59,000	2097	59,000	113	58,887	\$3.8500	within Sec 13	\$227,150	2099	137,438	8/21/13	\$3.7600	within Sec 13	\$516,767	
8/19/13	8/20/13	76,000	2098	76,000	146	75,854	\$4.0400	within Sec 13	\$307,040							
8/20/13	8/21/13	98,000	2100	35,000	67	34,933	\$3.9000	within Sec 13	\$136,500	2104	98,000	8/23/13	\$3.7750	within Sec 13	\$369,950	
			2101	63,000	121	62,879	\$4.0300	within Sec 13	\$253,890							
8/21/13	8/22/13	191,000	2102	50,000	96	49,904	\$3.9000	within Sec 13	\$195,000	2104	187,000	8/23/13	\$3.7750	within Sec 13	\$705,925	
			2103	141,000	271	140,729	\$4.0300	within Sec 13	\$568,230	2110	61,000	8/24-26/13	\$3.7250	within Sec 13	\$227,225	
8/21/13	8/22/13	58,000	2105	58,000	111	57,889	\$4.0400	within Sec 13	\$234,320							
8/22/13	8/23/13	165,000	2107	40,000	77	39,923	\$3.8500	within Sec 13	\$154,000	2110	165,017	8/24-26/13	\$3.7250	within Sec 13	\$614,688	

Date notified	Flow Date	Amt needed (Dths)	Amt (Dths)	In-kind 0.22% (Dths)	Net Amt flowed (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale
			2108 72,000	138	71,862	\$3.9000	within Sec 13	\$280,800						
			2109 53,000	102	52,898	\$4.1100	within Sec 13	\$217,830						
8/26/13	8/27/13	97,000	2112 30,000	58	29,942	\$3.9500	within Sec 13	\$118,500	2117 97,000	8/29/13	\$3.8250	within Sec 13	\$371,025	
			2113 12,900	24	12,876	\$4.0500	within Sec 13	\$52,245						
			2114 35,000	67	34,933	\$4.0400	within Sec 13	\$141,400						
			2115 19,100	37	19,063	\$4.1200	within Sec 13	\$78,692						
8/27/13	8/28/13	108,000	2116 108,000	207	107,793	\$4.0500	within Sec 13	\$437,400	2117 103,000	8/29/13	\$3.8250	within Sec 13	\$393,975	
									2121 5,000	8/30-31/13	\$3.8750	within Sec 13	\$19,375	
8/28/13	8/29/13	155,000	2119 73,000	140	72,860	\$4.0000	within Sec 13	\$292,000	2121 153,000	8/30-31/13	\$3.8750	within Sec 13	\$592,875	
			2120 82,000	158	81,842	\$4.1200	within Sec 13	\$337,840	2126 30,000	8/29/13	\$3.8300	within Sec 13	\$114,900	
8/29/13	8/29/13	86,000	2124 9,900	19	9,881	\$4.0700	within Sec 13	\$40,293	2127 10,000	8/29/13	\$3.8300	within Sec 13	\$38,300	
			2125 76,100	146	75,954	\$4.2400	within Sec 14	\$322,664	2130 40,000	8/29/13	\$3.8300	within Sec 13	\$153,200	
						\$4.2500	40,000 dths NP							
						\$4.3100	86,000 dths NP		2131 7,000	8/30/13	\$3.8300	within Sec 13	\$26,810	
8/29/13	8/30/13	182,000	2128 74,000	142	73,858	\$4.0300	within Sec 13	\$298,220	2131 33,000	8/30/13	\$3.8300	within Sec 13	\$126,390	
			2129 108,000	207	107,793	\$4.1500	within Sec 13	\$448,200	2132 80,000	8/30-31/13	\$3.8400	within Sec 13	\$307,200	
									2133 69,000	8/30/13	\$3.8300	within Sec 13	\$264,270	
8/30/13	8/31/13	76,000	2134 70,000	134	69,866	\$4.0000	within Sec 13	\$280,000	2133 75,650	8/30/13	\$3.8300	within Sec 13	\$289,740	
			2135 6,000	12	5,988	\$4.0500	within Sec 13	\$24,300						

Totals	19,813,000	19,376,840	57,150	19,319,690		\$76,999,571		19,319,465		\$70,356,785	\$6,642,787
										BTS Transportation Charges	\$1,233,768
										Total including transport charges	\$7,876,555

	#	%	\$	%
Section 13	266	84%	\$ 64,665,761	84%
Section 14	44	14%	\$ 10,875,071	14%
Section 15	3	1%	\$ 672,580	1%
Section 16	2	1%	\$ 786,160	1%
Total	315		\$ 76,999,571	

ATTACHMENT D

Advice No. 4547

ICE PRICES

PURCHASE (SoCal - Ehrenberg)

SALE (SoCal - Citygate)

<u>Date</u>	<u>Rule 41,</u>			<u>Rule 41,</u>		
	<u>Sec 13 a/b</u>	<u>ICE \$/dth</u>	<u>110%</u>	<u>Sec 13 a/b</u>	<u>ICE \$/dth</u>	<u>90%</u>
10/2/2012	Sec 13 (a) Wtd Avg	\$3.6107	\$3.9718	Sec 13 (a) Wtd Avg	\$3.7337	\$3.3603
	Sec 13 (b) High	\$3.6700	\$4.0370	Sec 13 (b) Low	\$3.6450	\$3.2805
10/3/2012	Sec 13 (a) Wtd Avg	\$3.5808	\$3.9389	Sec 13 (a) Wtd Avg	\$3.6888	\$3.3199
	Sec 13 (b) High	\$3.5900	\$3.9490	Sec 13 (b) Low	\$3.6400	\$3.2760
10/11/2012	Sec 13 (a) Wtd Avg	\$3.4355	\$3.7791	Sec 13 (a) Wtd Avg	\$3.5301	\$3.1771
	Sec 13 (b) High	\$3.4600	\$3.8060	Sec 13 (b) Low	\$3.5100	\$3.1590
10/17/2012	Sec 13 (a) Wtd Avg	\$3.6398	\$4.0038	Sec 13 (a) Wtd Avg	\$3.7576	\$3.3818
	Sec 13 (b) High	\$3.7100	\$4.0810	Sec 13 (b) Low	\$3.7400	\$3.3660
10/30/2012	Sec 13 (a) Wtd Avg	\$3.4626	\$3.8089	Sec 13 (a) Wtd Avg	\$3.5587	\$3.2028
	Sec 13 (b) High	\$3.6500	\$4.0150	Sec 13 (b) Low	\$3.5200	\$3.1680
11/1/2012	Sec 13 (a) Wtd Avg	\$3.7290	\$4.1019	Sec 13 (a) Wtd Avg	\$3.8065	\$3.4259
	Sec 13 (b) High	\$3.7900	\$4.1690	Sec 13 (b) Low	\$3.7000	\$3.3300
11/2/2012	Sec 13 (a) Wtd Avg	\$3.8693	\$4.2562	Sec 13 (a) Wtd Avg	\$3.8924	\$3.5032
	Sec 13 (b) High	\$3.9100	\$4.3010	Sec 13 (b) Low	\$3.8350	\$3.4515
11/8/2012	Sec 13 (a) Wtd Avg	\$3.7932	\$4.1725	Sec 13 (a) Wtd Avg	\$3.8618	\$3.4756
	Sec 13 (b) High	\$3.8200	\$4.2020	Sec 13 (b) Low	\$3.8000	\$3.4200
11/17/2012 to 11/19/2012	Sec 13 (a) Wtd Avg	\$3.5810	\$3.9391	Sec 13 (a) Wtd Avg	\$3.7248	\$3.3523
	Sec 13 (b) High	\$3.6300	\$3.9930	Sec 13 (b) Low	\$3.7000	\$3.3300
11/22/2012 to 11/26/2012	Sec 13 (a) Wtd Avg	\$3.5710	\$3.9281	Sec 13 (a) Wtd Avg	\$3.6793	\$3.3114
	Sec 13 (b) High	\$3.6500	\$4.0150	Sec 13 (b) Low	\$3.6500	\$3.2850
12/1/2012 to 12/3/2012	Sec 13 (a) Wtd Avg	\$3.5410	\$3.8951	Sec 13 (a) Wtd Avg	\$3.7021	\$3.3319
	Sec 13 (b) High	\$3.6200	\$3.9820	Sec 13 (b) Low	\$3.6900	\$3.3210
12/5/2012	Sec 13 (a) Wtd Avg	\$3.4439	\$3.7883	Sec 13 (a) Wtd Avg	\$3.6495	\$3.2846
	Sec 13 (b) High	\$3.5500	\$3.9050	Sec 13 (b) Low	\$3.6300	\$3.2670
12/11/2012	Sec 13 (a) Wtd Avg	\$3.6050	\$3.9655	Sec 13 (a) Wtd Avg	\$3.7171	\$3.3454
	Sec 13 (b) High	\$3.6050	\$3.9655	Sec 13 (b) Low	\$3.7100	\$3.3390

12/19/2012	Sec 13 (a) Wtd Avg	\$3.6151	\$3.9766	Sec 13 (a) Wtd Avg	\$3.6750	\$3.3075
	Sec 13 (b) High	\$3.6200	\$3.9820	Sec 13 (b) Low	\$3.6650	\$3.2985
12/20/2012	Sec 13 (a) Wtd Avg	\$3.5131	\$3.8644	Sec 13 (a) Wtd Avg	\$3.5918	\$3.2326
	Sec 13 (b) High	\$3.5200	\$3.8720	Sec 13 (b) Low	\$3.5700	\$3.2130
12/21/2012	Sec 13 (a) Wtd Avg	\$3.6244	\$3.9868	Sec 13 (a) Wtd Avg	\$3.6785	\$3.3107
	Sec 13 (b) High	\$3.6500	\$4.0150	Sec 13 (b) Low	\$3.6600	\$3.2940
12/22/2012	Sec 13 (a) Wtd Avg	\$3.6720	\$4.0392	Sec 13 (a) Wtd Avg	\$3.7504	\$3.3754
	Sec 13 (b) High	\$3.6900	\$4.0590	Sec 13 (b) Low	\$3.7300	\$3.3570
12/23/2012	Sec 13 (a) Wtd Avg	\$3.6720	\$4.0392	Sec 13 (a) Wtd Avg	\$3.7504	\$3.3754
	Sec 13 (b) High	\$3.6900	\$4.0590	Sec 13 (b) Low	\$3.7300	\$3.3570
12/25/2012	Sec 13 (a) Wtd Avg	\$3.5413	\$3.8954	Sec 13 (a) Wtd Avg	\$3.6229	\$3.2606
	Sec 13 (b) High	\$3.5600	\$3.9160	Sec 13 (b) Low	\$3.6100	\$3.2490
12/26/2012	Sec 13 (a) Wtd Avg	\$3.5413	\$3.8954	Sec 13 (a) Wtd Avg	\$3.6229	\$3.2606
	Sec 13 (b) High	\$3.5600	\$3.9160	Sec 13 (b) Low	\$3.6100	\$3.2490
12/27/2012	Sec 13 (a) Wtd Avg	\$3.5902	\$3.9492	Sec 13 (a) Wtd Avg	\$3.6671	\$3.3004
	Sec 13 (b) High	\$3.6000	\$3.9600	Sec 13 (b) Low	\$3.6500	\$3.2850
12/28/2012	Sec 13 (a) Wtd Avg	\$3.5272	\$3.8799	Sec 13 (a) Wtd Avg	\$3.5990	\$3.2391
	Sec 13 (b) High	\$3.5300	\$3.8830	Sec 13 (b) Low	\$3.5900	\$3.2310
12/29/2012	Sec 13 (a) Wtd Avg	\$3.5200	\$3.8720	Sec 13 (a) Wtd Avg	\$3.6348	\$3.2713
	Sec 13 (b) High	\$3.5200	\$3.8720	Sec 13 (b) Low	\$3.6000	\$3.2400
12/30/2012	Sec 13 (a) Wtd Avg	\$3.5200	\$3.8720	Sec 13 (a) Wtd Avg	\$3.6348	\$3.2713
	Sec 13 (b) High	\$3.5200	\$3.8720	Sec 13 (b) Low	\$3.6000	\$3.2400
12/31/2012	Sec 13 (a) Wtd Avg	\$3.5200	\$3.8720	Sec 13 (a) Wtd Avg	\$3.6348	\$3.2713
	Sec 13 (b) High	\$3.5200	\$3.8720	Sec 13 (b) Low	\$3.6000	\$3.2400
1/1/2013	Sec 13 (a) Wtd Avg	\$3.5601	\$3.9161	Sec 13 (a) Wtd Avg	\$3.6451	\$3.2806
to 1/2/2013	Sec 13 (b) High	\$3.5700	\$3.9270	Sec 13 (b) Low	\$3.5800	\$3.2220
1/3/2013	Sec 13 (a) Wtd Avg	\$3.5463	\$3.9009	Sec 13 (a) Wtd Avg	\$3.5605	\$3.2045
	Sec 13 (b) High	\$3.6200	\$3.9820	Sec 13 (b) Low	\$3.5200	\$3.1680

1/4/2013	Sec 13 (a) Wtd Avg	\$3.3679	\$3.7047	Sec 13 (a) Wtd Avg	\$3.4541	\$3.1087
	Sec 13 (b) High	\$3.3800	\$3.7180	Sec 13 (b) Low	\$3.4500	\$3.1050
1/5/2013 to 1/7/2013	Sec 13 (a) Wtd Avg	\$3.4224	\$3.7646	Sec 13 (a) Wtd Avg	\$3.5061	\$3.1555
	Sec 13 (b) High	\$3.4600	\$3.8060	Sec 13 (b) Low	\$3.4700	\$3.1230
1/8/2013	Sec 13 (a) Wtd Avg	\$3.5644	\$3.9208	Sec 13 (a) Wtd Avg	\$3.6451	\$3.2806
	Sec 13 (b) High	\$3.5800	\$3.9380	Sec 13 (b) Low	\$3.6300	\$3.2670
1/9/2013	Sec 13 (a) Wtd Avg	\$3.5037	\$3.8541	Sec 13 (a) Wtd Avg	\$3.5397	\$3.1857
	Sec 13 (b) High	\$3.5150	\$3.8665	Sec 13 (b) Low	\$3.5200	\$3.1680
1/10/2013	Sec 13 (a) Wtd Avg	\$3.4376	\$3.7814	Sec 13 (a) Wtd Avg	\$3.4870	\$3.1383
	Sec 13 (b) High	\$3.4400	\$3.7840	Sec 13 (b) Low	\$3.4600	\$3.1140
1/11/2013	Sec 13 (a) Wtd Avg	\$3.4314	\$3.7745	Sec 13 (a) Wtd Avg	\$3.4928	\$3.1435
	Sec 13 (b) High	\$3.4350	\$3.7785	Sec 13 (b) Low	\$3.4800	\$3.1320
1/12/2013 To 1/14/2013	Sec 13 (a) Wtd Avg	\$3.5800	\$3.9380	Sec 13 (a) Wtd Avg	\$3.6078	\$3.2470
	Sec 13 (b) High	\$3.5800	\$3.9380	Sec 13 (b) Low	\$3.5900	\$3.2310
1/15/2013	Sec 13 (a) Wtd Avg	\$3.8303	\$4.2133	Sec 13 (a) Wtd Avg	\$3.6614	\$3.2953
	Sec 13 (b) High	\$3.9000	\$4.2900	Sec 13 (b) Low	\$3.6300	\$3.2670
1/16/2013	Sec 13 (a) Wtd Avg	\$3.6769	\$4.0446	Sec 13 (a) Wtd Avg	\$3.6781	\$3.3103
	Sec 13 (b) High	\$3.7000	\$4.0700	Sec 13 (b) Low	\$3.6600	\$3.2940
1/17/2013	Sec 13 (a) Wtd Avg	\$3.6525	\$4.0178	Sec 13 (a) Wtd Avg	\$3.6593	\$3.2934
	Sec 13 (b) High	\$3.6600	\$4.0260	Sec 13 (b) Low	\$3.6500	\$3.2850
1/18/2013	Sec 13 (a) Wtd Avg	\$3.6000	\$3.9600	Sec 13 (a) Wtd Avg	\$3.6461	\$3.2815
	Sec 13 (b) High	\$3.6000	\$3.9600	Sec 13 (b) Low	\$3.6300	\$3.2670
1/19/2013 To 1/22/2013	Sec 13 (a) Wtd Avg	\$3.6690	\$4.0359	Sec 13 (a) Wtd Avg	\$3.7600	\$3.3840
	Sec 13 (b) High	\$3.6850	\$4.0535	Sec 13 (b) Low	\$3.7300	\$3.3570
1/23/2013	Sec 13 (a) Wtd Avg	\$3.7228	\$4.0951	Sec 13 (a) Wtd Avg	\$3.8033	\$3.4230
	Sec 13 (b) High	\$3.7400	\$4.1140	Sec 13 (b) Low	\$3.7700	\$3.3930
1/24/2013	Sec 13 (a) Wtd Avg	\$3.6547	\$4.0202	Sec 13 (a) Wtd Avg	\$3.7552	\$3.3797
	Sec 13 (b) High	\$3.6800	\$4.0480	Sec 13 (b) Low	\$3.7200	\$3.3480

1/25/2013	Sec 13 (a) Wtd Avg	\$3.7401	\$4.1141	Sec 13 (a) Wtd Avg	\$3.8213	\$3.4392
	Sec 13 (b) High	\$3.7500	\$4.1250	Sec 13 (b) Low	\$3.7900	\$3.4110
3/13/2013	Sec 13 (a) Wtd Avg	\$3.7736	\$4.1510	Sec 13 (a) Wtd Avg	\$3.8621	\$3.4759
	Sec 13 (b) High	\$3.7800	\$4.1580	Sec 13 (b) Low	\$3.8550	\$3.4695
3/16/2013 to 3/18/2013	Sec 13 (a) Wtd Avg	\$3.8306	\$4.2137	Sec 13 (a) Wtd Avg	\$3.9858	\$3.5872
	Sec 13 (b) High	\$3.8900	\$4.2790	Sec 13 (b) Low	\$3.9200	\$3.5280
3/20/2013	Sec 13 (a) Wtd Avg	\$4.0417	\$4.4459	Sec 13 (a) Wtd Avg	\$4.1595	\$3.7436
	Sec 13 (b) High	\$4.0600	\$4.4660	Sec 13 (b) Low	\$4.1500	\$3.7350
3/21/2013	Sec 13 (a) Wtd Avg	\$4.1799	\$4.5979	Sec 13 (a) Wtd Avg	\$4.2808	\$3.8527
	Sec 13 (b) High	\$4.1900	\$4.6090	Sec 13 (b) Low	\$4.2500	\$3.8250
3/27/2013	Sec 13 (a) Wtd Avg	\$4.0981	\$4.5079	Sec 13 (a) Wtd Avg	\$4.1889	\$3.7700
	Sec 13 (b) High	\$4.1100	\$4.5210	Sec 13 (b) Low	\$4.1700	\$3.7530
6/13/2013	Sec 13 (a) Wtd Avg	\$3.7502	\$4.1252	Sec 13 (a) Wtd Avg	\$3.8920	\$3.5028
	Sec 13 (b) High	\$3.7700	\$4.1470	Sec 13 (b) Low	\$3.8600	\$3.4740
6/27/2013	Sec 13 (a) Wtd Avg	\$3.8021	\$4.1823	Sec 13 (a) Wtd Avg	\$3.9267	\$3.5340
	Sec 13 (b) High	\$3.8100	\$4.1910	Sec 13 (b) Low	\$3.9000	\$3.5100
6/28-30/2013	Sec 13 (a) Wtd Avg	\$3.8630	\$4.2493	Sec 13 (a) Wtd Avg	\$3.9770	\$3.5793
	Sec 13 (b) High	\$3.8800	\$4.2680	Sec 13 (b) Low	\$3.9300	\$3.5370
7/1/2013	Sec 13 (a) Wtd Avg	\$3.8159	\$4.1975	Sec 13 (a) Wtd Avg	\$3.8577	\$3.4719
	Sec 13 (b) High	\$3.8700	\$4.2570	Sec 13 (b) Low	\$3.8200	\$3.4380
7/2/2013	Sec 13 (a) Wtd Avg	\$3.9020	\$4.2922	Sec 13 (a) Wtd Avg	\$3.9650	\$3.5685
	Sec 13 (b) High	\$3.9450	\$4.3395	Sec 13 (b) Low	\$3.9400	\$3.5460
7/3/2013	Sec 13 (a) Wtd Avg	\$3.9223	\$4.3145	Sec 13 (a) Wtd Avg	\$3.9386	\$3.5447
	Sec 13 (b) High	\$3.9400	\$4.3340	Sec 13 (b) Low	\$3.9300	\$3.5370
7/4/2013 - 7/5/2013	Sec 13 (a) Wtd Avg	\$3.8402	\$4.2242	Sec 13 (a) Wtd Avg	\$3.8819	\$3.4937
	Sec 13 (b) High	\$3.8600	\$4.2460	Sec 13 (b) Low	\$3.8600	\$3.4740
7/9/2013	Sec 13 (a) Wtd Avg	\$3.9261	\$4.3187	Sec 13 (a) Wtd Avg	\$3.9524	\$3.5572
	Sec 13 (b) High	\$3.9400	\$4.3340	Sec 13 (b) Low	\$3.9300	\$3.5370

7/10/2013	Sec 13 (a) Wtd Avg	\$3.9005	\$4.2906	Sec 13 (a) Wtd Avg	\$3.9300	\$3.5370
	Sec 13 (b) High	\$3.9200	\$4.3120	Sec 13 (b) Low	\$3.9150	\$3.5235
7/11/2013	Sec 13 (a) Wtd Avg	\$3.8997	\$4.2897	Sec 13 (a) Wtd Avg	\$3.9351	\$3.5416
	Sec 13 (b) High	\$3.9050	\$4.2955	Sec 13 (b) Low	\$3.9200	\$3.5280
7/13/2013 - 7/15/2013	Sec 13 (a) Wtd Avg	\$3.7672	\$4.1439	Sec 13 (a) Wtd Avg	\$3.8156	\$3.4340
	Sec 13 (b) High	\$3.8000	\$4.1800	Sec 13 (b) Low	\$3.8000	\$3.4200
7/16/2013	Sec 13 (a) Wtd Avg	\$3.8607	\$4.2468	Sec 13 (a) Wtd Avg	\$3.9022	\$3.5120
	Sec 13 (b) High	\$3.8650	\$4.2515	Sec 13 (b) Low	\$3.8700	\$3.4830
7/20-22/2013	Sec 13 (a) Wtd Avg	\$3.8824	\$4.2706	Sec 13 (a) Wtd Avg	\$3.9350	\$3.5415
	Sec 13 (b) High	\$3.8900	\$4.2790	Sec 13 (b) Low	\$3.9000	\$3.5100
7/23/2013	Sec 13 (a) Wtd Avg	\$3.8528	\$4.2381	Sec 13 (a) Wtd Avg	\$3.8936	\$3.5042
	Sec 13 (b) High	\$3.8900	\$4.2790	Sec 13 (b) Low	\$3.8500	\$3.4650
7/24/2013	Sec 13 (a) Wtd Avg	\$3.8514	\$4.2365	Sec 13 (a) Wtd Avg	\$3.8976	\$3.5078
	Sec 13 (b) High	\$3.8950	\$4.2845	Sec 13 (b) Low	\$3.8600	\$3.4740
7/25/2013	Sec 13 (a) Wtd Avg	\$3.8972	\$4.2869	Sec 13 (a) Wtd Avg	\$3.9375	\$3.5438
	Sec 13 (b) High	\$3.9000	\$4.2900	Sec 13 (b) Low	\$3.9200	\$3.5280
7/26/2013	Sec 13 (a) Wtd Avg	\$3.8921	\$4.2813	Sec 13 (a) Wtd Avg	\$3.9336	\$3.5402
	Sec 13 (b) High	\$3.9000	\$4.2900	Sec 13 (b) Low	\$3.8800	\$3.4920
7/30/2013	Sec 13 (a) Wtd Avg	\$3.7030	\$4.0733	Sec 13 (a) Wtd Avg	\$3.7439	\$3.3695
	Sec 13 (b) High	\$3.7125	\$4.0838	Sec 13 (b) Low	\$3.7150	\$3.3435
8/13/2013	Sec 13 (a) Wtd Avg	\$3.4534	\$3.7987	Sec 13 (a) Wtd Avg	\$3.5055	\$3.1550
	Sec 13 (b) High	\$3.4800	\$3.8280	Sec 13 (b) Low	\$3.4900	\$3.1410
8/14/2013	Sec 13 (a) Wtd Avg	\$3.4443	\$3.7887	Sec 13 (a) Wtd Avg	\$3.5146	\$3.1631
	Sec 13 (b) High	\$3.4650	\$3.8115	Sec 13 (b) Low	\$3.5075	\$3.1568
8/15/2013	Sec 13 (a) Wtd Avg	\$3.4870	\$3.8357	Sec 13 (a) Wtd Avg	\$3.5547	\$3.1992
	Sec 13 (b) High	\$3.5200	\$3.8720	Sec 13 (b) Low	\$3.5200	\$3.1680
8/17/2013 to 08/19/2013	Sec 13 (a) Wtd Avg	\$3.5540	\$3.9094	Sec 13 (a) Wtd Avg	\$3.5827	\$3.2244
	Sec 13 (b) High	\$3.5600	\$3.9160	Sec 13 (b) Low	\$3.5700	\$3.2130

8/20/2013	Sec 13 (a) Wtd Avg	\$3.7017	\$4.0719	Sec 13 (a) Wtd Avg	\$3.7193	\$3.3474
	Sec 13 (b) High	\$3.7100	\$4.0810	Sec 13 (b) Low	\$3.7000	\$3.3300
8/21/2013	Sec 13 (a) Wtd Avg	\$3.7412	\$4.1153	Sec 13 (a) Wtd Avg	\$3.7590	\$3.3831
	Sec 13 (b) High	\$3.7450	\$4.1195	Sec 13 (b) Low	\$3.7400	\$3.3660
8/22/2013	Sec 13 (a) Wtd Avg	\$3.7391	\$4.1130	Sec 13 (a) Wtd Avg	\$3.7582	\$3.3824
	Sec 13 (b) High	\$3.7400	\$4.1140	Sec 13 (b) Low	\$3.7500	\$3.3750
8/23/2013	Sec 13 (a) Wtd Avg	\$3.7668	\$4.1435	Sec 13 (a) Wtd Avg	\$3.7760	\$3.3984
	Sec 13 (b) High	\$3.7900	\$4.1690	Sec 13 (b) Low	\$3.7600	\$3.3840
8/27/2013	Sec 13 (a) Wtd Avg	\$3.7839	\$4.1623	Sec 13 (a) Wtd Avg	\$3.8070	\$3.4263
	Sec 13 (b) High	\$3.7900	\$4.1690	Sec 13 (b) Low	\$3.7800	\$3.4020
8/28/2013	Sec 13 (a) Wtd Avg	\$3.7288	\$4.1017	Sec 13 (a) Wtd Avg	\$3.7568	\$3.3811
	Sec 13 (b) High	\$3.7300	\$4.1030	Sec 13 (b) Low	\$3.7500	\$3.3750
8/29/2013	Sec 13 (a) Wtd Avg	\$3.7951	\$4.1746	Sec 13 (a) Wtd Avg	\$3.8217	\$3.4395
	Sec 13 (b) High	\$3.8000	\$4.1800	Sec 13 (b) Low	\$3.7950	\$3.4155
8/30/2013	Sec 13 (a) Wtd Avg	\$3.8375	\$4.2213	Sec 13 (a) Wtd Avg	\$3.8728	\$3.4855
	Sec 13 (b) High	\$3.8600	\$4.2460	Sec 13 (b) Low	\$3.8300	\$3.4470
8/31/2013	Sec 13 (a) Wtd Avg	\$3.8375	\$4.2213	Sec 13 (a) Wtd Avg	\$3.8728	\$3.4855
	Sec 13 (b) High	\$3.8600	\$4.2460	Sec 13 (b) Low	\$3.8300	\$3.4470

ATTACHMENT E

Advice No. 4547

**REQUESTS TO THE OPERATIONAL HUB FOR ADDITIONAL
SUPPLIES TO MEET SOUTHERN SYSTEM
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: 60,000 Dth

Flow Date(s) Requested: October 02, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: October 03, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 180,000 Dth

Flow Date(s) Requested: October 11, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: October 17, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: October 30, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: November 1, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: November 1, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: November 2, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 8, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 8, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 17, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 20,000 Dth

Flow Date(s) Requested: November 19, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: November 22, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: November 23, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 23, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: November 24, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: November 25, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 160,000 Dth

Flow Date(s) Requested: November 26, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: December 1, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: December 2, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 55,000 Dth

Flow Date(s) Requested: December 5, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 57,000 Dth

Flow Date(s) Requested: December 11, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 151,000 Dth

Flow Date(s) Requested: December 19, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 17,000 Dth

Flow Date(s) Requested: December 19, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 309,000 Dth

Flow Date(s) Requested: December 20, 2012

Time of Request: 10:15 a.m. December 19, 2012

Reason for Request: Southern System scheduled quantities 309,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: December 20, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 95,000 Dth

Flow Date(s) Requested: December 20, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: December 20, 2012

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

Reason for Request: Expected shortfall on cycle 4



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 275,000 Dth

Flow Date(s) Requested: December 21, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 72,000 Dth

Flow Date(s) Requested: December 22, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: December 23, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: December 25, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 248,000 Dth

Flow Date(s) Requested: December 26, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 176,000 Dth

Flow Date(s) Requested: December 27, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 32,000 Dth

Flow Date(s) Requested: December 27, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 43,000 Dth

Flow Date(s) Requested: December 28, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 207,000 Dth

Flow Date(s) Requested: December 28, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: December 29, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 92,000 Dth

Flow Date(s) Requested: December 30, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 37,000 Dth

Flow Date(s) Requested: December 30, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 84,000 Dth

Flow Date(s) Requested: December 31, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: December 31, 2012

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 116,000 Dth

Flow Date(s) Requested: January 01, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 92,000 Dth

Flow Date(s) Requested: January 01, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 262,000 Dth

Flow Date(s) Requested: January 02, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 280,000 Dth

Flow Date(s) Requested: January 03, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 18,000 Dth

Flow Date(s) Requested: January 03, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 290,000 Dth

Flow Date(s) Requested: January 04, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 42,000 Dth

Flow Date(s) Requested: January 04, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 165,000 Dth

Flow Date(s) Requested: January 05, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 106,000 Dth

Flow Date(s) Requested: January 06, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: January 06, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 196,000 Dth

Flow Date(s) Requested: January 07, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 17,000 Dth

Flow Date(s) Requested: January 07, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 296,000 Dth

Flow Date(s) Requested: January 08, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: January 08, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 305,000 Dth

Flow Date(s) Requested: January 09, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 150,000 Dth

Flow Date(s) Requested: January 10, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 290,000 Dth

Flow Date(s) Requested: January 10, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 625,000 Dth

Flow Date(s) Requested: January 11, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 542,000 Dth

Flow Date(s) Requested: January 12, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 400,000 Dth

Flow Date(s) Requested: January 13, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 133,000 Dth

Flow Date(s) Requested: January 13, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: January 13, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 400,000 Dth

Flow Date(s) Requested: January 14, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 158,000 Dth

Flow Date(s) Requested: January 14, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 77,000 Dth

Flow Date(s) Requested: January 14, 2013

Time of Request: 12:00 p.m.. January 14, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 400,000 Dth

Flow Date(s) Requested: January 15, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 330,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 9:45 a.m.. January 14, 2013

Reason for Request: Southern System scheduled quantities 330,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System/Otay Mesa

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 6:20 a.m., January 15, 2013

Reason for Request: Requested 100,000 Dths to be delivered at the Otay Mesa receipt point located in the Southern System to preserve reliability. Supplies were needed at the South end of the Southern System in order to maintain minimum system pressures.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 72,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 8:00 p.m.. January 14, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 499,000 Dth

Flow Date(s) Requested: January 16, 2013

Time of Request: 10:10 a.m.. January 15, 2013

Reason for Request: Southern System scheduled quantities 499,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System/Otay Mesa

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: January 16, 2013

Time of Request: 12:55 p.m., January 15, 2013

Reason for Request: Requested 50,000 Dths to be delivered at the Otay Mesa receipt point located in the Southern System to preserve reliability. Supplies were needed at the South end of the Southern System in order to maintain minimum system pressures.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 59,000 Dth

Flow Date(s) Requested: January 16, 2013

Time of Request: 8:20 p.m.. January 15, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 464,000 Dth

Flow Date(s) Requested: January 17, 2013

Time of Request: 10:15 a.m. January 16, 2013

Reason for Request: Southern System scheduled quantities 464,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 49,000 Dth

Flow Date(s) Requested: January 17, 2013

Time of Request: 8:00 p.m. January 16, 2013

Reason for Request: Southern System scheduled quantities 49,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 460,000 Dth

Flow Date(s) Requested: January 18, 2013

Time of Request: 10:25 a.m. January 17, 2013

Reason for Request: Southern System scheduled quantities 460,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 321,000 Dth

Flow Date(s) Requested: January 19, 2013

Time of Request: 10:15 a.m. January 18, 2013

Reason for Request: Southern System scheduled quantities 321,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 310,000 Dth

Flow Date(s) Requested: January 20, 2013

Time of Request: 9:45 a.m. January 19, 2013

Reason for Request: Southern System scheduled quantities 310,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 288,000 Dth

Flow Date(s) Requested: January 21, 2013

Time of Request: 10:15 a.m. January 20, 2013

Reason for Request: Southern System scheduled quantities 288,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 310,000 Dth

Flow Date(s) Requested: January 22, 2013

Time of Request: 9:45 a.m. January 21, 2013

Reason for Request: Southern System scheduled quantities 310,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 282,000 Dth

Flow Date(s) Requested: January 23, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 236,000 Dth

Flow Date(s) Requested: January 24, 2013

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

Reason for Request: Southern System scheduled quantities 236,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 174,000 Dth

Flow Date(s) Requested: January 25, 2013

Time of Request: 10:00 a.m. January 24, 2013

Reason for Request: Southern System scheduled quantities 174,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 93,000 Dth

Flow Date(s) Requested: January 28, 2013

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

Reason for Request: Southern System scheduled quantities 93,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: March 13, 2013

Time of Request: 10:10 a.m. March 12, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: March 16, 2013

Time of Request: 10:50 a.m. March 15, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: March 18, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: March 20, 2013

Time of Request: 10:50 a.m. March 19, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: March 21, 2013

Time of Request: 1:00 p.m. March 21, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 83,000 Dth

Flow Date(s) Requested: March 27, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 98,000 Dth

Flow Date(s) Requested: June 13, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 186,000 Dth

Flow Date(s) Requested: June 27, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: June 27, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 238,000 Dth

Flow Date(s) Requested: June 28, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 67,000 Dth

Flow Date(s) Requested: June 28, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: June 28, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 255,000 Dth

Flow Date(s) Requested: June 29, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 210,000 Dth

Flow Date(s) Requested: June 29, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 255,000 Dth

Flow Date(s) Requested: June 30, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: June 30, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 28,000 Dth

Flow Date(s) Requested: June 30, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 295,000 Dth

Flow Date(s) Requested: July1, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: July 1, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 31,000 Dth

Flow Date(s) Requested: July 1, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 307,000 Dth

Flow Date(s) Requested: July 2, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: July 2, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 270,000 Dth

Flow Date(s) Requested: July 3, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 48,000 Dth

Flow Date(s) Requested: July 3, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 180,000 Dth

Flow Date(s) Requested: July 4, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 220,000 Dth

Flow Date(s) Requested: July 5, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 124,000 Dth

Flow Date(s) Requested: July 9, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 163,000 Dth

Flow Date(s) Requested: July 10, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 82,000 Dth

Flow Date(s) Requested: July 11, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 36,000 Dth

Flow Date(s) Requested: July 15, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 46,000 Dth

Flow Date(s) Requested: July 16, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: July 21, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 23,000 Dth

Flow Date(s) Requested: July 21, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 157,000 Dth

Flow Date(s) Requested: July 22, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 63,000 Dth

Flow Date(s) Requested: July 22, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: July 23, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 53,000 Dth

Flow Date(s) Requested: July 23, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 183,000 Dth

Flow Date(s) Requested: July 24, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 176,000 Dth

Flow Date(s) Requested: July 25, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 111,000 Dth

Flow Date(s) Requested: July 26, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 31,000 Dth

Flow Date(s) Requested: July 26, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: July 30, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: August 13, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 98,000 Dth

Flow Date(s) Requested: August 14, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 158,000 Dth

Flow Date(s) Requested: August 15, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 59,000 Dth

Flow Date(s) Requested: August 19, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 76,000 Dth

Flow Date(s) Requested: August 20, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 98,000 Dth

Flow Date(s) Requested: August 21, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 191,000 Dth

Flow Date(s) Requested: August 22, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 58,000 Dth

Flow Date(s) Requested: August 22, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 165,000 Dth

Flow Date(s) Requested: August 23, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 97,000 Dth

Flow Date(s) Requested: August 27, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 108,000 Dth

Flow Date(s) Requested: August 28, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 155,000 Dth

Flow Date(s) Requested: August 29, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 86,000 Dth

Flow Date(s) Requested: August 29, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 182,000 Dth

Flow Date(s) Requested: August 30, 2013

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

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 76,000 Dth

Flow Date(s) Requested: August 31, 2013

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

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

ATTACHMENT F

Advice No. 4547

DEALS, CONFIDENTIAL

**CONFIDENTIAL – PROVIDED ONLY TO THE ENERGY DIVISION
UNDER THE PROVISIONS OF GENERAL ORDER 66-C AND SECTION 583
OF THE PUBLIC UTILITIES CODE**