

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 8, 2016

Advice Letter 4970

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

Subject: Revisions to Rule No. 41, Utility System Operation

Dear Mr. Newsom:

This disposition letter approves Southern California Gas Company's (SoCalGas) Tier 2 Advice Letter (AL) 4970, which requests a three-year extension of preauthorization of baseload contracts to support the Southern System. Baseload contracts provide a hedge against volatility in the spot market that will be especially important this winter due to uncertainty regarding the future of the Aliso Canyon gas storage facility.

Background:

The southern part of the SoCalGas gas transmission pipeline system (the Southern System) requires a minimum amount of flowing supplies to operate reliably. Prior to 2009, the utility's Gas Acquisition Department maintained minimum flowing supplies into the Southern System using core customer assets. This responsibility was transferred to the Utility System Operator (System Operator) by D.07-12-019, effective April 1, 2009.¹

D.07-12-019 also approved the following tools, which can be used by the System Operator to meet Southern System reliability requirements:

- the ability to buy and sell gas on a spot basis as needed;
- the authority and the requirement to conduct at least one annual request for offers (RFO) seeking proposals for managing minimum flows; and
- the authority to submit an Advice Letter for approval of contracts that result from an RFO or open season process.

Subsequent resolutions authorized additional tools and specified certain conditions.

One of those tools was preauthorized baseload contracts. Resolution G-3487 for AL 4516, issued on October 7, 2013, gave the System Operator the authority to enter into baseload gas contracts in order to improve Southern System reliability provided they meet the following criteria:

1. the total cumulative baseload volume cannot exceed 255,000 Dths/day;
2. the price must be less than or equal to NGI's Bidweek average for "Southern Cal. Bdr. Avg." plus 8.2 cents/Dth;
3. the term is limited to the December–March season; and
4. the baseload contracts are made during the nine-month period directly preceding that season.

¹ As stated in Rule 41, the mission of the Utility System Operator is to maintain system reliability and integrity while minimizing costs at all times. The System Operator includes all of the departments within SoCalGas and San Diego Gas & Electric Company that are responsible for the physical and commercial operation of the pipeline and storage systems and specifically excludes the Utility Gas Procurement Department.

Sales of baseload gas are deemed to be reasonable if:

1. for baseload sales, the sale price is greater than or equal to 90 percent of NGI's Bidweek average for "SoCal Citygate" for the relevant baseload month(s); and
2. for spot sales, the sale price is greater than or equal to 90 percent of the ICE Wtd Avg Index for the relevant trading point and trading period.

In Resolution G-3487, the Commission agreed with intervenors who argued that SoCalGas' authorization to enter into preapproved baseload contracts should be limited to a three-year period. The Commission quoted the Southern California Generation Coalition (SCGC) in its discussion of the reasons for limiting the term of the program:

Natural gas supply patterns are changing rapidly [in] North America due to the development of shale gas. Likewise, usage patterns on the SoCalGas Southern System are likely to change, particularly as a result of the closure of the San Onofre Nuclear Generating Station ("SONGS"). Sunsetting the preapproval and safe harbor provisions in three years, without prejudice to an extension if warranted, would trigger a review of the preapproved safe harbor provisions in light of potentially new gas supply patterns and new usage patterns.

Preauthorization of baseload contracts thus expired on March 31, 2016. Advice Letter 4970 requests reauthorization of the program.

To enable Commission review of baseload contracts, Resolution G-3487 required SoCalGas to incorporate an evaluation of their cost effectiveness compared to spot market purchases in its Annual Compliance Reports. Three years of data show that, while baseload contracts can cost more than spot market purchases in stable years, in volatile years they shield ratepayers from the extremes of the spot market, saving millions of dollars.

Table 1: Cost-Effectiveness of Baseload Contracts Compared to the Spot Market: 2013-2016

	2013-14			2014-15			2015-16			3-Year Average of Effectiveness of Baseload Contracts Net Benefit/Year (\$Millions)
	Dec-March Volume (MMDth)	Average Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Dec-March Volume (MMDth)	Average Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Dec-March Volume (MMDth)	Average Net Cost (\$Millions)	Average Net Cost (\$/Dth)	
Baseload	30.4	\$3.94	\$ 0.13	30.8	\$ 3.88	\$ 0.13	30.8	\$2.22	\$ 0.07	
Additional Spot Purchases Needed in Absence of Baseload	19.4	14.51	\$ 0.75	8.5	3.33	\$ 0.39	7.1	1.53	\$ 0.22	
Net Benefit/(Loss)		<u>10.57</u>			<u>(0.55)</u>			<u>(0.69)</u>		<u>\$ 3.11</u>

Source: Attachment B, AL 4970.

The uncertainty surrounding the Aliso Canyon gas storage facility increases the importance of baseload contracts for winter 2016-17.

On October 23, 2015, a major gas leak was discovered at the Aliso Canyon gas storage facility. On January 21, 2016, the Commission ordered SoCalGas to continue to reduce the amount of gas in storage until the working gas inventory at Aliso Canyon reached 15 billion cubic feet (Bcf). At this time, SoCalGas is not allowed to inject gas into any of the wells at this facility.

A lack of storage capacity at Aliso Canyon will likely increase the volatility of Southern California spot market prices this winter.

On June 13, 2016, the Southern California Public Power Authority (SCPPA) filed a protest to Advice Letter 4970. In its protest, SCPPA did not object to preauthorization of winter baseload contracts. Rather, it argued that the Commission should also preauthorize baseload contracts for the July-October summer season because of Aliso Canyon-related threats to electric reliability.

On June 22, 2016, SoCalGas filed Advice Letter 4978 seeking preauthorization of summer baseload contracts.

Discussion:

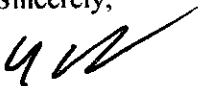
Over the last three years, preauthorized baseload contracts have acted as an effective insurance policy protecting ratepayers from volatility in the spot market. With the future of Aliso Canyon uncertain, baseload contracts are critical for ensuring that a sufficient quantity of reasonably priced gas reaches the Southern System.

The Commission rejects SCPPA's protest on the grounds that summer baseload contracts were not included in Resolution G-3487 and should be considered in a standalone advice letter due to the more constrained timing required to address SCPPA's request.

This standalone Advice Letter has already been filed by SoCalGas as AL 4978, and it is currently being reviewed by the Commission.

Advice Letter 4970 is approved.

Sincerely,



Edward Randolph
Director, Energy Division



Ronald van der Leeden
Director
Regulatory Affairs

555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011
Tel: 213.244.2009
Fax: 213.244.4957
RvanderLeeden@semprautilities.com

May 25, 2016

Advice No. 4970
(U 904 G)

Public Utilities Commission of the State of California

Subject: Revisions to Rule No. 41, Utility System Operation

Southern California Gas Company (SoCalGas) hereby submits for approval by the California Public Utilities Commission (Commission or CPUC) proposed revisions to its Rule No. 41, Utility System Operation, applicable throughout its service territory, as shown on Attachment A.

Purpose

SoCalGas requests authorization to revise Rule No. 41 to enable SoCalGas to continue to enter into winter baseload contracts to support Southern System reliability for another three years.

Background

In Resolution G-3477, the CPUC preauthorized SoCalGas to enter into Southern System support baseload contracts that meet a defined set of criteria. This authority is described in SoCalGas' Rule No. 41:

Should the Operational Hub deem it necessary or advisable to enter into baseload contracts for Southern System support at one or more of the Southern System receipt points, the Operational Hub shall be deemed to have made reasonable baseload purchases if: (1) the total cumulative baseload volumes at any time are less than or equal to 255,000 Dth/day; (2) the price is less than or equal to NGL's Bidweek average for "Southern Cal. Bdr. Avg." plus 8.2 cents/Dth for the relevant baseload month(s); (3) the term is for the December - March period, or any subset of that period; and (4) the baseload contracts can only be made for one season at a time and only within the nine month period directly preceding that season. The Operational Hub shall be deemed to have made reasonable sales of such baseload gas if: (1) for baseload sales, the sale price is greater than or equal to 90% of NGL's Bidweek average for "SoCal Citygate" for the relevant baseload

month(s); and (2) for spot sales, the sale price is greater than or equal to 90% of the ICE Wtd Avg Index for the relevant trading point and trading period. *This provision shall expire on March 31, 2016, unless extended by the Commission. SoCalGas may seek extension or modification of this provision by standard advice filing or application.*¹

The Commission granted this authorization in Resolution G-3477 because baseload contracts “provide an efficient method to manage Southern System minimum flow requirements.”²

Requested Authorization

SoCalGas’ preauthorization to enter into baseload contracts for Southern System support ended on March 31, 2016. SoCalGas respectfully requests an extension of this preauthorization for another three years. All preauthorization terms would remain the same, and the only tariff change will be a revision of the baseload contract preauthorization sunset date—from March 31, 2016 to March 31, 2019.

Winter baseload contracts have helped SoCalGas to provide reliable Southern System service at a reasonable cost in recent years, and this useful tool should continue. The circumstances that led the Commission to provide baseload contract preauthorization in Resolution G-3477 have not changed. As demonstrated in Attachments B through D, baseload contracts have enabled SoCalGas to reduce Southern System support costs by an average of \$3.1 million per year over the past three winters.

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 received within 20 days of the date this Advice Letter, which is June 14, 2016. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

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 the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest shall 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.

¹ SoCalGas Rule 41(20) (emphasis added).

² Res. G-3477 at 18, Finding of Fact 14.

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

Effective Date

SoCalGas believes that this filing is subject to Energy Division disposition, and should be classified as Tier 2 (effective after staff approval) pursuant to General Order (GO) 96-B. This filing is consistent with Decision 07-12-019. Therefore, SoCalGas respectfully requests that this filing be approved on June 24, 2016, which is thirty (30) calendar days after the date filed.

Notice

A copy of this Advice Letter is being sent to SoCalGas' GO 96-B service list and the Commission's service lists in the most recent Triennial Cost Allocation Proceeding (TCAP), A.15-07-014, as well as the 2013 TCAP, A.11-11-002. Address change requests to the GO 96-B should be directed by electronic mail to tariffs@socalgas.com or call 213-244-3387. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Ronald van der Leeden
Director – Regulatory Affairs

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

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

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) #: 4970

Subject of AL: Revisions to Rule No. 41, Utility System Operation

Keywords (choose from CPUC listing): Reliability

AL filing type: Monthly Quarterly Annual One-Time Other

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

Decision 07-12-019 and Resolution G-3477

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL No

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: No

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: 6/24/16

No. of tariff sheets: 3

Estimated system annual revenue effect (%): None

Estimated system average rate effect (%): None

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: Rule No. 41 and TOCs

Service affected and changes proposed¹: See Advice Letter.

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 Fifth 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. 4970

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 52598-G	Rule No. 41, UTILITY SYSTEM OPERATION, Sheet 8	Revised 51677-G
Revised 52599-G	TABLE OF CONTENTS	Revised 51832-G
Revised 52600-G	TABLE OF CONTENTS	Revised 52594-G

UTILITY SYSTEM OPERATION

(Continued)

PURCHASES AND SALES TO MANAGE MINIMUM FLOW SUPPLIES (Continued)

20. (Continued)

NGI's Bidweek average for "Southern Cal. Bdr. Avg." plus 8.2 cents/Dth for the relevant baseload month(s); (3) the term is for the December - March period, or any subset of that period; and (4) the baseload contracts can only be made for one season at a time and only within the nine month period directly preceding that season. The Operational Hub shall be deemed to have made reasonable sales of such baseload gas if: (1) for baseload sales, the sale price is greater than or equal to 90% of NGI's Bidweek average for "SoCal Citygate" for the relevant baseload month(s); and (2) for spot sales, the sale price is greater than or equal to 90% of the ICE Wtd Avg Index for the relevant trading point and trading period. This provision shall expire on March 31, 2019, unless extended by the Commission. SoCalGas may seek extension or modification of this provision by standard advice filing or application.

21. The Utility shall seek CPUC authority for any additional tools (other than system modifications that can be completed without an application under current rules) necessary to meet the Southern System minimum flow requirement through an application. Any contracts that are not obtained through an RFO process relating to already-approved tools (i.e., gas purchases, gas exchanges) will be submitted to the CPUC for approval by Advice Letter. Advice Letters seeking approval of the Operational Hub contractual arrangements shall identify the order in which contracts will be implemented to ensure system reliability and integrity at least cost.

ACCOUNTING TREATMENT

22. 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). Prospective changes to the types of the Operational Hub natural gas transactions ("tools") to meet minimum flow requirements shall be considered in conjunction with the annual Utility Customer Forum described below.

UTILITY CUSTOMER FORUM

23. The Utility shall hold an annual Utility Customer Forum (the "Forum"), which shall be held around April - May. The Forum will provide an opportunity for the Utility to provide information on, and to address, the following matters with interested parties:

- i. Review of the timing, method, formulas, and all inputs to formulas by which OFO events are triggered;
- ii. Review of requests for the Operational Hub to acquire additional supplies to meet minimum flow requirements;

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4970
DECISION NO. 07-12-019

ISSUED BY
Dan Skopec
Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED May 25, 2016
EFFECTIVE Jul 8, 2016
RESOLUTION NO. G-3477

TABLE OF CONTENTS

(Continued)

RULES (continued)

26	Consumer Responsible for Equipment for Receiving and Utilizing Gas	45843-G
27	Service Connections Made by Company's Employees	24657-G
28	Compensation to Company's Employees	24658-G
29	Change of Consumer's Apparatus or Equipment	24659-G
30	Transportation of Customer-Owned Gas	47193-G,51792-G,51793-G,51794-G 51795-G,51796-G,51797-G,51798-G,51799-G,47360-G 49723-G,47362-G,47363-G,47364-G,47365-G,47366-G 50807-G,50808-G,50809-G,51381-G,51382-G,51383-G 51384-G,51385-G,51386-G,51387-G,50817-G
31	Automated Meter Reading	46062-G,46063-G
32	Core Aggregation Transportation	50951-G,50952-G,50953-G,50954-G 50955-G,50956-G,50957-G,50958-G,50959-G,50960-G 50961-G,50962-G,50963-G,50964-G,50965-G,50966-G 50967-G,50968-G,50969-G
33	Electronic Bulletin Board (EBB)	47202-G,43389-G,45392-G,47203-G 45394-G,45395-G,45396-G,45397-G,45398-G
34	Provision of Utility Right-of-Way Information	33298-G,33299-G,33300-G 33301-G,33302-G,33303-G
35	Contracted Marketer Transportation	27068-G,27069-G,27070-G,27071-G 36325-G,27073-G,36326-G,27075-G
36	Interstate Capacity Brokering	39590-G,39591-G
38	Commercial/Industrial Equipment Incentive Program	32745-G,50487-G,32747-G,32748-G,32749-G
39	Access to the SoCalGas Pipeline System	51962-G,-G,51963-G,51964-G,51965-G,51966-G
40	On-Bill Financing Program	44205-G,41155-G
41	Utility System Operation	51670-G,51671-G,51672-G,51673-G,51674-G 51675-G,51676-G,52598-G,51678-G,51679-G
42	Privacy and Security Protections for Energy Usage Data	50587-G,50588-G,50347-G,50348-G,50349-G 50350-G,50351-G,48636-G,48637-G,50352-G,50589-G 50590-G,50591-G,50592-G,50593-G,50594-G,50595-G
43	On-Bill Repayment (Pilot Programs)	51825-G,50796-G,50797-G,51826-G 51827-G,51828-G,51829-G,51830-G
44	Mobilehome Park Utility Upgrade Program	50890-G,50728-G,50729-G,50891-G 50892-G,50893-G,50894-G,50895-G,50896-G

T

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4970
 DECISION NO. 07-12-019

ISSUED BY
Dan Skopec
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 25, 2016
 EFFECTIVE Jul 8, 2016
 RESOLUTION NO. G-3477

TABLE OF CONTENTS

The following listed sheets contain all effective Schedules of Rates and Rules affecting service and information relating thereto in effect on the date indicated thereon.

GENERAL

Cal. P.U.C. Sheet No.

Title Page	40864-G	
Table of Contents--General and Preliminary Statement	52600-G,52335.1-G,52218-G	T
Table of Contents--Service Area Maps and Descriptions	41970-G	
Table of Contents--Rate Schedules	52580-G,52593-G,52562-G	
Table of Contents--List of Cities and Communities Served	51971-G	
Table of Contents--List of Contracts and Deviations	51971-G	
Table of Contents--Rules	51681-G,52599-G	T
Table of Contents--Sample Forms	51497-G,52363-G,51537-G,51833-G,50598-G	

PRELIMINARY STATEMENT

Part I General Service Information	45597-G,24332-G,24333-G,24334-G,48970-G
Part II Summary of Rates and Charges	52564-G,52565-G,52566-G,52183-G,52184-G,52591-G 52516-G,46431-G,46432-G,52164-G,52525-G,52526-G,52527-G,52189-G
Part III Cost Allocation and Revenue Requirement	52190-G,50447-G,50448-G
Part IV Income Tax Component of Contributions and Advances	52273-G,24354-G
Part V Balancing Accounts	
Description and Listing of Balancing Accounts	51893-G
Purchased Gas Account (PGA)	51641-G,49672-G
Core Fixed Cost Account (CFCA)	51352-G,51353-G
Noncore Fixed Cost Account (NFCA)	51354-G,51642-G,51356-G
Enhanced Oil Recovery Account (EORA)	49712-G
Noncore Storage Balancing Account (NSBA)	50450-G,50451-G
California Alternate Rates for Energy Account (CAREA)	45882-G,45883-G
Hazardous Substance Cost Recovery Account (HSCRA)	40875-G, 40876-G,40877-G
Gas Cost Rewards and Penalties Account (GCRPA)	40881-G
Pension Balancing Account (PBA)	49309-G,49310-G
Post-Retirement Benefits Other Than Pensions Balancing Account (PBOPBA) .	49311-G,49312-G
Research Development and Demonstration Surcharge Account (RDDGSA).....	40888-G
Demand Side Management Balancing Account (DSMBA).....	45194-G,41153-G
Direct Assistance Program Balancing Account (DAPBA)	40890-G
Integrated Transmission Balancing Account (ITBA)	49313-G

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4970
 DECISION NO. 07-12-019

ISSUED BY
Dan Skopec
 Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 25, 2016
 EFFECTIVE Jul 8, 2016
 RESOLUTION NO. G-3477

ATTACHMENT B

Advice No. 4970

Economics of Baseload Contracts Over the Past Three Winters

ATTACHMENT B

Economics of Baseload Contracts Over the Past Three Winters

In Resolution G-3487, the Commission ordered SoCalGas to incorporate an evaluation of the cost effectiveness of baseload contracts compared to spot market purchases in its Annual Compliance Reports. In Resolution G-3514, the Commission deemed that “SoCalGas’ new method for calculating the volume of spot gas needed in the absence of baseload contracts is reasonable.”¹ It determined that “the volume of gas needed in the absence of baseload contracts would be determined by calculating how much additional spot gas would have been needed to meet the Southern System minimum requirement if flowing supplies to Ehrenberg were 255,000 dths lower for each day of the winter period.”² The daily volume would be multiplied by an estimated purchase price, which would be equal to 110 percent of that day’s SoCalGas Ehrenberg index. The estimated sales price would be equal to 99.5 percent of the SoCalGas CityGate Index. The daily net cost would include BTS charges and in-kind fuel requirements.

The table below uses these criteria for the winters of 2013/14, 2014/15, and 2015/16. Attachment C analyzes the detailed net costs of the baseload contracts. Attachment D analyzes the spot gas costs avoided as a result of the baseload contracts over all three years. The analysis in Attachment D consistently uses the hybrid method for evaluating cost effectiveness as approved in Resolution G-3514.

	2013-14			2014-15			2015-16			3-Year Average of
	Dec-March Volume (MMDth)	Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Dec-March Volume (MMDth)	Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Dec-March Volume (MMDth)	Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Effectiveness of Baseload Contracts
Baseload	30.4	\$3.94	\$ 0.13	30.8	\$ 3.88	\$ 0.13	30.8	\$2.22	\$ 0.07	Net Benefit/Year (\$Millions)
Additional Spot Purchases Needed in Absence of Baseload	19.4	14.51	\$ 0.75	8.5	3.33	\$ 0.39	7.1	1.53	\$ 0.22	
Net Benefit/(Loss)		<u>10.57</u>			<u>(0.55)</u>			<u>(0.69)</u>		<u>\$ 3.11</u>

In summary, the baseload contracts have been very cost effective. Over their first three years of use, the average annual customer savings from winter baseload contracts has been \$3.1 million per year.

The \$10.57 million savings from the baseload contracts over the 2013/14 winter period more than offset the slight net cost of those baseload contracts in 2014/15 and 2015/16.³ As noted in Resolution G-3514 at page 11:

[T]he overall cost effectiveness of baseload contracts relative to spot gas transactions should be viewed over more than just a single year. For example,

¹ Res. G-3514 at 9.

² *Id.* at 10.

³ The analysis for 2015/16 will be presented again in SoCalGas’ 2015-2016 Annual Compliance Report.

while in 2014/15 spot gas purchases would have been less expensive than baseload contracts, in 2013/14 spot gas purchases would have been over \$8.4 million more expensive than baseload contracts. Further, if SoCalGas had calculated the volumes of spot gas actually needed to meet Southern System requirements in 2013-14, the spot gas transactions would have been more expensive than previously assessed (in AL4690). Volatility in the Southern System requirement and in daily gas prices from year to year will significantly affect the difference in the cost of baseload contracts relative to spot gas transactions.

As further noted on page 7 of Resolution G-3514:

Baseload contracts are intended to act as a form of insurance against volatility. In volatile years, they shield ratepayers from unexpected spikes in the spot market. In stable years, they can cost more than spot market purchases.

The winter baseload contracts have functioned as envisioned by the Commission in Resolution G-3514.

ATTACHMENT C

Advice No. 4970

Detailed Net Costs of the Baseload Contracts

ATTACHMENT C

	<u>2013-14</u>			<u>2014-15</u>			<u>2015-16</u>			<u>3-Year Average of</u> <u>Effectiveness of</u> <u>Baseload Contracts</u>
	Dec-March Volume (MMDth)	Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Dec-March Volume (MMDth)	Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Dec-March Volume (MMDth)	Net Cost (\$Millions)	Average Net Cost (\$/Dth)	Net Benefit/Year (\$Millions)
Baseload	30.4	\$3.94	\$ 0.13	30.8	\$ 3.88	\$ 0.13	30.8	\$2.22	\$ 0.07	
Additional Spot Purchases Needed in Absence of Baseload	19.4	<u>14.51</u>	\$ 0.75	8.5	<u>3.33</u>	\$ 0.39	7.1	<u>1.53</u>	\$ 0.22	
Net Benefit/(Loss)		<u>10.57</u>			<u>(0.55)</u>			<u>(0.69)</u>		<u>\$ 3.11</u>

Southern System Minimum Flow Purchase/Sale

BASELOAD PURCHASES:

Notification Minimum Flow			PURCHASE								SALE					Net \$ \$Purchase minus \$Sale	
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth		\$Amt
December	Daily	7,905,000	2260	4,647,651	12,767	4,634,884	\$3.9250	Sec 20	\$18,242,030	\$638,264	Daily	2261	4,634,884	\$3.9500	Sec 20	\$18,307,792	
2013	Daily		2262	1,546,998	4,257	1,542,741	\$3.9275	Sec 20	\$6,075,835	\$212,753	Daily	2263	463,941	\$3.9500	Sec 20	\$1,832,567	
	Daily		2264	1,700,346	4,678	1,695,668	\$3.9300	Sec 20	\$6,682,360	\$234,032	Daily	2266	77,323	\$3.9525	Sec 20	\$305,619.16	
											Daily	2272	34,022	\$3.9500	Sec 20	\$134,386.90	
											Daily	2276	928,124	\$3.9475	Sec 20	\$3,663,769	
											Daily	2277	310,000	\$3.9475	Sec 20	\$1,223,725	
											Daily	2290	495,001	\$3.9475	Sec 20	\$1,954,016	
											Daily	2291	930,000	\$3.9475	Sec 20	\$3,671,175	
January	Daily	7,905,000	2260	4,649,291	15,343	4,633,948	\$4.6450	Sec 20	\$21,595,957	\$659,650	Daily	2261	4,633,948	\$4.6700	Sec 20	\$21,640,537	
2014	Daily		2262	1,549,712	5,115	1,544,597	\$4.6475	Sec 20	\$7,202,287	\$219,883	Daily	2263	463,450	\$4.6700	Sec 20	\$2,164,312	
	Daily		2265	463,135	1,514	461,621	\$4.6500	Sec 20	\$2,153,578	\$65,967	Daily	2266	77,500	\$4.6725	Sec 20	\$362,119	
			2391	1,239,811	4,091	1,235,720	\$4.6500	Sec 20	\$5,765,121	\$175,907	Daily	2389	620,000	\$4.6700	Sec 20	\$2,895,400	
											Daily	2390	619,996	\$4.6700	Sec 20	\$2,895,381	
											Daily	2392	1,235,720	\$4.6550	Sec 20	\$5,752,277	
											Daily	2399	223,200	\$4.6650	Sec 20	\$1,041,228	
											1/31/14	2434	2,072	\$5.2500	Sec 20	\$10,878	
February	Daily	7,140,000	2260	4,198,398	13,855	4,184,543	\$5.2750	Sec 20	\$22,146,549	\$595,813	Daily	2261	4,184,543	\$5.2500	Sec 20	\$21,968,851	
2014	Daily		2262	1,395,376	4,605	1,390,771	\$5.2775	Sec 20	\$7,364,097	\$198,604	Daily	2263	418,304	\$5.2500	Sec 20	\$2,196,096	
	Daily		2265	413,919	1,353	412,566	\$5.2800	Sec 20	\$2,185,492	\$59,583	Daily	2266	69,992	\$5.2525	Sec 20	\$367,632.98	
	Daily		2391	1,119,575	3,695	1,115,880	\$5.2800	Sec 20	\$5,911,356	\$158,884	Daily	2392	1,115,880	\$5.2350	Sec 20	\$5,841,632	
											Daily	2419	210,000	\$5.2425	Sec 20	\$1,100,925	
											Daily	2121	350,000	\$5.2425	Sec 20	\$1,834,875	
											Daily	2422	753,087	\$5.2425	Sec 20	\$3,948,059	
											Daily	2511	1,489	\$5.4500	Sec 20	\$8,115	
											Daily	2512	464	\$5.3650	Sec 20	\$2,489	
March	Daily	7,440,000	2260	4,649,856	15,345	4,634,511	\$5.3750	Sec 20	\$24,992,976	\$659,650	Daily	2261	4,634,511	\$5.4700	Sec 20	\$25,350,775	
2014	Daily		2262	1,545,467	5,101	1,540,366	\$5.3775	Sec 20	\$8,310,749	\$219,883	Daily	2263	461,063	\$5.4700	Sec 20	\$2,522,015	
	Daily		2508	1,239,291	4,090	1,235,201	\$5.3800	Sec 20	\$6,667,386	\$175,907	Daily	2266	77,500	\$5.4725	Sec 20	\$424,119	
											Daily	2436	310,000	\$5.4700	Sec 20	\$1,695,700	
											Daily	2446	620,000	\$5.4700	Sec 20	\$3,391,400	
											Daily	2507	67,618	\$5.4700	Sec 20	\$369,870	
											Daily	2509	1,235,201	\$5.4500	Sec 20	\$6,731,845	
											3/18/14	2516	2,000	\$4.8400	Sec 20	\$9,680	
											3/31/14	2519	2,185	\$4.8300	Sec 20	\$10,554	

Total	30,390,000	30,358,826	95,809	30,263,017	\$145,295,772	\$4,274,782	30,263,018	\$145,629,815	\$3,940,739
--------------	------------	-------------------	--------	------------	----------------------	--------------------	------------	----------------------	--------------------

Southern System Minimum Flow Purchase/Sale

BASELOAD PURCHASES:

Notification Minimum Flow				PURCHASE								SALE				Net \$ \$Purchase minus \$Sale		
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	BTS inkind	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth		Rule 41 Limit \$/dth	\$Amt
December 2014	Daily		7,905,000	2575	4,638,420	17,194	4,621,226	\$4.6000	Sec 20	\$21,336,732.00	\$713,368.14	Daily	2576	4,621,226	\$4.6500	Sec 20	\$21,488,700.90	
	Daily			2577	1,547,172	5,728	1,541,444	\$4.6000	Sec 20	\$7,116,991.20	\$237,822.55	Daily	2580	308,621	\$4.6150	Sec 20	\$1,424,285.92	
	Daily			2578	769,883	2,862	767,021	\$4.6020	Sec 20	\$3,543,001.57	\$118,795.34	Daily	2582	616,241	\$4.6035	Sec 20	\$2,836,865.44	
	Daily			2579	309,768	1,147	308,621	\$4.6000	Sec 20	\$1,424,932.80	\$47,574.75	Daily	2583	310,000	\$4.6475	Sec 20	\$1,440,725.00	
	Daily			2581	618,530	2,289	616,241	\$4.6000	Sec 20	\$2,845,238.00	\$95,118.65	Daily	2584	386,973	\$4.6500	Sec 20	\$1,799,424.45	
													Daily	2585	310,000	\$4.6450	Sec 20	\$1,439,950.00
													Daily	2586	310,000	\$4.6450	Sec 20	\$1,439,950.00
													Daily	2587	310,000	\$4.6450	Sec 20	\$1,439,950.00
												Daily	2588	675,916	\$4.6450	Sec 20	\$3,139,629.82	
January 2015	Daily		7,905,000	2575	4,641,055	16,927	4,624,128	\$3.3500	Sec 20	\$15,547,534.25	\$730,670.01	Daily	2576	4,624,128	\$3.3400	Sec 20	\$15,444,587.52	
	Daily			2577	1,532,902	5,582	1,527,320	\$3.3500	Sec 20	\$5,135,221.70	\$243,111.90	Daily	2580	308,131	\$3.3050	Sec 20	\$1,018,372.96	
	Daily			2578	768,924	2,802	766,122	\$3.3520	Sec 20	\$2,577,433.25	\$121,635.58	Daily	2582	616,214	\$3.3066	Sec 20	\$2,037,573.21	
	Daily			2579	309,245	1,114	308,131	\$3.3500	Sec 20	\$1,035,970.75	\$48,704.96	Daily	2583	310,000	\$3.3375	Sec 20	\$1,034,625.00	
	Daily			2581	618,472	2,258	616,214	\$3.3500	Sec 20	\$2,071,881.20	\$97,412.32	Daily	2585	310,000	\$3.3350	Sec 20	\$1,033,850.00	
													Daily	2586	304,446	\$3.3350	Sec 20	\$1,015,327.41
													Daily	2587	310,000	\$3.3350	Sec 20	\$1,033,850.00
													Daily	2589	766,122	\$3.3350	Sec 20	\$2,555,016.87
												Daily	2590	295,104	\$3.3350	Sec 20	\$984,171.84	
February 2015	Daily		7,140,000	2575	4,183,191	15,256	4,167,935	\$2.8700	Sec 20	\$12,005,758.17	\$659,689.16	Daily	2576	4,167,935	\$2.9500	Sec 20	\$12,295,408.25	
	Daily			2577	1,393,764	5,075	1,388,689	\$2.8700	Sec 20	\$4,000,102.68	\$219,877.92	Daily	2580	277,874	\$2.9150	Sec 20	\$810,002.71	
	Daily			2578	695,872	2,534	693,338	\$2.8720	Sec 20	\$1,998,544.38	\$109,907.21	Daily	2582	555,369	\$2.9205	Sec 20	\$1,621,955.16	
	Daily			2579	278,880	1,006	277,874	\$2.8700	Sec 20	\$800,385.60	\$43,981.29	Daily	2583	280,000	\$2.9475	Sec 20	\$825,300.00	
	Daily			2581	557,403	2,034	555,369	\$2.8700	Sec 20	\$1,599,746.61	\$87,947.10	Daily	2585	280,000	\$2.9450	Sec 20	\$824,600.00	
													Daily	2586	280,000	\$2.9450	Sec 20	\$824,600.00
													Daily	2587	280,000	\$2.9450	Sec 20	\$824,600.00
													Daily	2589	693,338	\$2.9450	Sec 20	\$2,041,880.41
												Daily	2590	268,239	\$2.9450	Sec 20	\$789,963.86	
March 2015	Daily		7,905,000	2575	4,645,222	16,941	4,628,281	\$2.8400	Sec 20	\$13,192,430.48	\$730,804.95	Daily	2576	4,628,281	\$2.9200	Sec 20	\$13,514,580.52	
	Daily			2577	1,543,810	5,623	1,538,187	\$2.8400	Sec 20	\$4,384,420.40	\$243,458.67	Daily	2580	308,529	\$2.8850	Sec 20	\$890,106.17	
	Daily			2578	770,451	2,806	767,645	\$2.8420	Sec 20	\$2,189,621.74	\$121,683.63	Daily	2582	615,152	\$2.8908	Sec 20	\$1,778,281.40	
	Daily			2579	309,645	1,116	308,529	\$2.8400	Sec 20	\$879,391.80	\$48,721.43	Daily	2583	310,000	\$2.9175	Sec 20	\$904,425.00	
	Daily			2581	617,407	2,255	615,152	\$2.8400	Sec 20	\$1,753,435.88	\$97,378.81	Daily	2585	308,140	\$2.9150	Sec 20	\$898,228.10	
													Daily	2586	307,849	\$2.9150	Sec 20	\$897,379.84
													Daily	2587	310,000	\$2.9150	Sec 20	\$903,650.00
													Daily	2589	767,645	\$2.9150	Sec 20	\$2,237,685.18
												Daily	2590	301,697	\$2.9150	Sec 20	\$879,446.76	
Final sale in April to balance out the baseload deals.												4/2/15	2628	4,297	\$2.5050	Sec 20	\$10,763.99	

Total Baseload	30,855,000	30,750,016	112,549	30,637,467	\$105,438,774.46	\$4,817,664	30,637,467	\$106,379,713.66	\$3,876,725.16
-----------------------	------------	------------	---------	------------	------------------	-------------	------------	------------------	----------------

Southern System Minimum Flow Purchase/Sale

BASELOAD PURCHASES:

Notification Minimum Flow				PURCHASE								SALE					Net \$ \$Purchase minus \$Sale	
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	BTS inkind	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth		\$Amt
December	Daily		7,905,000	2667	1,505,722	2,776	1,502,946	\$2.4900	Sec 20	\$3,749,247.78	\$273,572.54	Daily	2668	1,502,946	\$2.5850	Sec 20	\$3,885,115.41	
2015	Daily			2669	1,199,268	2,220	1,197,048	\$2.4900	Sec 20	\$2,986,177.32	\$218,667.43	Daily	2670	1,197,048	\$2.5850	Sec 20	\$3,094,369.08	
	Daily			2679	3,778,257	6,985	3,771,272	\$2.4900	Sec 20	\$9,407,859.93	\$684,421.60	Daily	2680	3,771,272	\$2.5800	Sec 20	\$9,729,881.76	
	Daily			2681	1,207,449	2,235	1,205,214	\$2.4900	Sec 20	\$3,006,548.01	\$218,957.89	Daily	2682	1,205,214	\$2.5800	Sec 20	\$3,109,452.12	
January	Daily		7,905,000	2667	1,539,234	4,988	1,534,246	\$2.6500	Sec 20	\$4,078,970.10	\$249,954.17	Daily	2668	1,534,246	\$2.7550	Sec 20	\$4,226,847.73	
2016	Daily			2669	1,221,455	3,970	1,217,485	\$2.6500	Sec 20	\$3,236,855.75	\$199,640.59	Daily	2670	1,217,485	\$2.7550	Sec 20	\$3,354,171.18	
	Daily			2679	3,848,462	12,500	3,835,962	\$2.6500	Sec 20	\$10,198,424.30	\$624,892.65	Daily	2680	3,835,962	\$2.7500	Sec 20	\$10,548,895.50	
	Daily			2681	1,231,510	4,002	1,227,508	\$2.6500	Sec 20	\$3,263,501.50	\$199,965.33	Daily	2682	1,227,508	\$2.7500	Sec 20	\$3,375,647.00	
February	Daily		7,395,000	2667	1,449,581	4,697	1,444,884	\$2.3100	Sec 20	\$3,348,532.11	\$234,139.83	Daily	2668	1,444,884	\$2.4350	Sec 20	\$3,518,292.54	
2016	Daily			2669	1,160,000	3,770	1,156,230	\$2.3100	Sec 20	\$2,679,600.00	\$187,320.82	Daily	2670	1,156,230	\$2.4350	Sec 20	\$2,815,420.05	
	Daily			2679	3,624,999	11,774	3,613,225	\$2.3100	Sec 20	\$8,373,747.69	\$585,378.71	Daily	2680	3,613,225	\$2.4300	Sec 20	\$8,780,136.75	
	Daily			2681	1,159,999	3,770	1,156,229	\$2.3100	Sec 20	\$2,679,597.69	\$187,320.79	Daily	2682	1,156,229	\$2.4300	Sec 20	\$2,809,636.47	
March	Daily		7,905,000	2667	1,542,700	5,000	1,537,700	\$1.6900	Sec 20	\$2,607,163.00	\$250,066.08	Daily	2668	1,537,700	\$1.7850	Sec 20	\$2,744,794.50	
2016	Daily			2669	1,238,281	4,025	1,234,256	\$1.6900	Sec 20	\$2,092,694.89	\$200,183.97	Daily	2670	1,234,256	\$1.7850	Sec 20	\$2,203,146.96	
	Daily			2679	3,866,410	12,560	3,853,850	\$1.6900	Sec 20	\$6,534,232.90	\$625,472.22	Daily	2680	3,853,850	\$1.7800	Sec 20	\$6,859,853.00	
	Daily			2681	1,238,280	4,025	1,234,255	\$1.6900	Sec 20	\$2,092,693.20	\$200,183.93	Daily	2682	1,234,255	\$1.7800	Sec 20	\$2,196,973.90	
Total Baseload			31,110,000		30,811,607	89,297	30,722,310			70,335,846	5,140,139			30,722,310			73,252,634	\$2,223,350.77

ATTACHMENT D

Advice No. 4970

Spot Gas Costs Avoided

ATTACHMENT D

	December - March			
	2013-14	2014-15	2015-16	3 Year
Additional Spot Purchases required in absence of Baseload (MMDth)	19.4	8.5	7.1	34.9
Net Cost (\$Millions)	\$ 14.51	\$ 3.33	\$ 1.53	\$ 19.37
Average Net cost (\$/Dth)	\$ 0.75	\$ 0.39	\$ 0.22	\$ 0.55

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2013-14 Winter Season

Flow Date	HUB		(A)	(B)	(A)-(B)	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement		Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
Sun-12/1/13	254,298	-	417,207	539,484	(122,277)	X	\$ 3.8886	\$ 4.2775	0.13764	\$ 4.0115	\$ 3.9914	\$ (541,874)	\$ 488,062	\$ (53,812)
Mon-12/2/13	254,297	-	445,417	592,630	(147,213)	X	\$ 3.8886	\$ 4.2775	0.13764	\$ 4.0115	\$ 3.9914	\$ (652,380)	\$ 587,592	\$ (64,787)
Tue-12/3/13	254,298	-	497,025	635,748	(138,723)	X	\$ 4.0220	\$ 4.4242	0.13764	\$ 4.1186	\$ 4.0980	\$ (635,191)	\$ 568,488	\$ (66,703)
Wed-12/4/13	254,298	-	532,216	687,892	(155,676)	X	\$ 4.1294	\$ 4.5423	0.13764	\$ 4.1828	\$ 4.1619	\$ (731,275)	\$ 647,906	\$ (83,369)
Thu-12/5/13	254,297	-	520,126	698,922	(178,796)	X	\$ 4.2827	\$ 4.7110	0.13764	\$ 4.2522	\$ 4.2309	\$ (870,141)	\$ 756,475	\$ (113,666)
Fri-12/6/13	249,499	78,785	602,072	847,330	(245,258)	X	\$ 4.4571	\$ 4.9028	0.13764	\$ 4.3674	\$ 4.3456	\$ (1,240,813)	\$ 1,065,784	\$ (175,029)
Sat-12/7/13	254,297	-	627,972	849,336	(221,364)	X	\$ 5.9167	\$ 6.5084	0.13764	\$ 4.6689	\$ 4.6456	\$ (1,476,664)	\$ 1,028,359	\$ (448,305)
Sun-12/8/13	254,297	-	642,465	876,410	(233,945)	X	\$ 5.9167	\$ 6.5084	0.13764	\$ 4.6689	\$ 4.6456	\$ (1,560,589)	\$ 1,086,804	\$ (473,785)
Mon-12/9/13	249,274	4,943	576,782	870,394	(293,612)	X	\$ 5.9167	\$ 6.5084	0.13764	\$ 4.6689	\$ 4.6456	\$ (1,958,612)	\$ 1,363,991	\$ (594,622)
Tue-12/10/13	252,315	149,940	710,428	942,592	(232,164)	X	\$ 7.0000	\$ 7.7000	0.13764	\$ 7.6416	\$ 7.6034	\$ (1,826,397)	\$ 1,765,234	\$ (61,164)
Wed-12/11/13	254,298	153,902	708,963	939,584	(230,621)	X	\$ 5.7500	\$ 6.3250	0.13764	\$ 5.2257	\$ 5.1996	\$ (1,495,972)	\$ 1,199,130	\$ (296,842)
Thu-12/12/13	254,298	24,931	580,419	840,311	(255,892)	X	\$ 4.7447	\$ 5.2192	0.13764	\$ 4.7761	\$ 4.7522	\$ (1,397,377)	\$ 1,235,064	\$ (162,314)
Fri-12/13/13	254,298	-	505,635	755,076	(240,441)	X	\$ 4.7636	\$ 5.2400	0.13764	\$ 4.8118	\$ 4.7877	\$ (1,346,390)	\$ 1,194,259	\$ (152,131)
Sat-12/14/13	254,297	-	457,172	705,941	(248,769)	X	\$ 4.5503	\$ 5.0053	0.13764	\$ 4.6797	\$ 4.6563	\$ (1,284,174)	\$ 1,158,343	\$ (125,830)
Sun-12/15/13	254,297	-	494,294	705,941	(211,647)	X	\$ 4.5503	\$ 5.0053	0.13764	\$ 4.6797	\$ 4.6563	\$ (1,092,547)	\$ 985,492	\$ (107,055)
Mon-12/16/13	254,298	-	505,756	695,914	(190,158)	X	\$ 4.5503	\$ 5.0053	0.13764	\$ 4.6797	\$ 4.6563	\$ (981,618)	\$ 885,433	\$ (96,185)
Tue-12/17/13	254,298	-	364,346	616,696	(252,350)	X	\$ 4.4438	\$ 4.8882	0.13764	\$ 4.5208	\$ 4.4982	\$ (1,272,990)	\$ 1,135,120	\$ (137,870)
Wed-12/18/13	254,297	46,871	414,656	623,715	(209,059)	X	\$ 4.3513	\$ 4.7864	0.13764	\$ 4.4823	\$ 4.4599	\$ (1,033,252)	\$ 932,380	\$ (100,872)
Thu-12/19/13	254,298	-	546,723	685,886	(139,163)	X	\$ 4.4615	\$ 4.9077	0.13764	\$ 4.5942	\$ 4.5712	\$ (704,731)	\$ 636,146	\$ (68,585)
Fri-12/20/13	254,298	-	491,494	665,831	(174,337)	X	\$ 4.4950	\$ 4.9445	0.13764	\$ 4.5997	\$ 4.5767	\$ (889,303)	\$ 797,888	\$ (91,415)
Sat-12/21/13	254,298	-	443,043	593,632	(150,589)	X	\$ 4.5389	\$ 4.9928	0.13764	\$ 4.6667	\$ 4.6434	\$ (775,464)	\$ 699,240	\$ (76,225)
Sun-12/22/13	254,298	-	451,020	583,605	(132,585)	X	\$ 4.5389	\$ 4.9928	0.13764	\$ 4.6667	\$ 4.6434	\$ (682,752)	\$ 615,641	\$ (67,112)
Mon-12/23/13	254,298	-	453,025	653,798	(200,773)	X	\$ 4.5389	\$ 4.9928	0.13764	\$ 4.6667	\$ 4.6434	\$ (1,033,889)	\$ 932,263	\$ (101,627)
Tue-12/24/13	254,298	-	388,630	580,597	(191,967)	X	\$ 4.6391	\$ 5.1030	0.13764	\$ 4.7819	\$ 4.7580	\$ (1,009,779)	\$ 913,377	\$ (96,402)
Wed-12/25/13	249,421	-	367,920	547,506	(179,586)	X	\$ 4.5050	\$ 4.9555	0.13764	\$ 4.6210	\$ 4.5979	\$ (918,064)	\$ 825,718	\$ (92,346)
Fri-12/27/13	254,298	-	343,145	580,597	(237,452)	X	\$ 4.4553	\$ 4.9008	0.13764	\$ 4.5937	\$ 4.5707	\$ (1,200,849)	\$ 1,085,329	\$ (115,519)
Sat-12/28/13	254,298	-	315,580	560,541	(244,961)	X	\$ 4.4796	\$ 4.9276	0.13764	\$ 4.6023	\$ 4.5793	\$ (1,245,396)	\$ 1,121,747	\$ (123,649)
Sun-12/29/13	254,298	-	319,481	559,539	(240,058)	X	\$ 4.4796	\$ 4.9276	0.13764	\$ 4.6023	\$ 4.5793	\$ (1,220,470)	\$ 1,099,295	\$ (121,175)
Mon-12/30/13	254,298	-	338,987	595,638	(256,651)	X	\$ 4.4796	\$ 4.9276	0.13764	\$ 4.6023	\$ 4.5793	\$ (1,304,831)	\$ 1,175,279	\$ (129,552)
Tue-12/31/13	261,507	28,920	388,570	636,751	(248,181)	X	\$ 4.5500	\$ 5.0050	0.13764	\$ 4.6421	\$ 4.6189	\$ (1,281,057)	\$ 1,146,321	\$ (134,737)
Wed-1/1/14	253,978	-	304,244	558,844	(254,600)	X	\$ 4.4769	\$ 4.9246	0.14233	\$ 4.5423	\$ 4.5196	\$ (1,294,841)	\$ 1,150,687	\$ (144,154)
Thu-1/2/14	254,159	63,392	373,894	616,033	(242,139)	X	\$ 4.4769	\$ 4.9246	0.14233	\$ 4.5423	\$ 4.5196	\$ (1,231,469)	\$ 1,094,369	\$ (137,101)
Fri-1/3/14	254,158	-	405,736	565,867	(160,131)	X	\$ 4.4850	\$ 4.9335	0.14233	\$ 4.5729	\$ 4.5500	\$ (815,823)	\$ 728,602	\$ (87,221)
Sat-1/4/14	254,159	-	435,831	529,748	(93,917)	X	\$ 4.5471	\$ 5.0018	0.14233	\$ 4.5945	\$ 4.5715	\$ (484,923)	\$ 429,344	\$ (55,578)
Sun-1/5/14	254,159	-	422,306	529,748	(107,442)	X	\$ 4.5471	\$ 5.0018	0.14233	\$ 4.5945	\$ 4.5715	\$ (554,754)	\$ 491,174	\$ (63,580)
Mon-1/6/14	252,694	-	364,359	623,056	(258,697)	X	\$ 4.5471	\$ 5.0018	0.14233	\$ 4.5945	\$ 4.5715	\$ (1,335,727)	\$ 1,182,640	\$ (153,087)
Tue-1/7/14	254,159	109,637	464,514	677,235	(212,721)	X	\$ 5.2930	\$ 5.8223	0.14233	\$ 4.6693	\$ 4.6460	\$ (1,273,526)	\$ 988,292	\$ (285,234)

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2013-14 Winter Season

Flow Date	HUB		(A)	(B)	(A)-(B)	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement		Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
Wed-1/8/14	253,702	-	421,363	662,185	(240,822)	X	\$ 4.8136	\$ 5.2950	0.14233	\$ 4.6971	\$ 4.6736	\$ (1,314,296)	\$ 1,125,509	\$ (188,787)
Thu-1/9/14	254,159	-	449,341	668,205	(218,864)	X	\$ 4.4742	\$ 4.9216	0.14233	\$ 4.5928	\$ 4.5698	\$ (1,112,443)	\$ 1,000,173	\$ (112,271)
Fri-1/10/14	254,159	19,934	394,931	610,013	(215,082)	X	\$ 4.2689	\$ 4.6958	0.14233	\$ 4.4229	\$ 4.4008	\$ (1,044,468)	\$ 946,530	\$ (97,938)
Sat-1/11/14	254,159	-	409,457	548,811	(139,354)	X	\$ 4.1191	\$ 4.5310	0.14233	\$ 4.2592	\$ 4.2379	\$ (653,674)	\$ 590,569	\$ (63,105)
Sun-1/12/14	254,159	-	374,545	547,808	(173,263)	X	\$ 4.1191	\$ 4.5310	0.14233	\$ 4.2592	\$ 4.2379	\$ (812,731)	\$ 734,272	\$ (78,459)
Mon-1/13/14	254,159	-	369,589	627,069	(257,480)	X	\$ 4.1191	\$ 4.5310	0.14233	\$ 4.2592	\$ 4.2379	\$ (1,207,773)	\$ 1,091,176	\$ (116,598)
Tue-1/14/14	254,159	41,861	408,001	630,079	(222,078)	X	\$ 4.3629	\$ 4.7992	0.14233	\$ 4.4795	\$ 4.4571	\$ (1,101,490)	\$ 989,824	\$ (111,665)
Wed-1/15/14	254,159	-	365,845	626,066	(260,221)	X	\$ 4.4600	\$ 4.9060	0.14233	\$ 4.6053	\$ 4.5823	\$ (1,318,573)	\$ 1,192,404	\$ (126,170)
Thu-1/16/14	254,159	-	346,577	572,891	(226,314)	X	\$ 4.5422	\$ 4.9964	0.14233	\$ 4.6278	\$ 4.6047	\$ (1,167,303)	\$ 1,042,099	\$ (125,204)
Fri-1/17/14	254,158	-	305,903	562,857	(258,954)	X	\$ 4.6424	\$ 5.1066	0.14233	\$ 4.7184	\$ 4.6948	\$ (1,353,767)	\$ 1,206,350	\$ (147,417)
Sat-1/18/14	254,158	-	375,762	492,626	(118,864)	X	\$ 4.5033	\$ 4.9536	0.14233	\$ 4.6540	\$ 4.6307	\$ (597,751)	\$ 541,166	\$ (56,585)
Sun-1/19/14	253,902	-	353,037	498,646	(145,609)	X	\$ 4.5033	\$ 4.9536	0.14233	\$ 4.6540	\$ 4.6307	\$ (744,780)	\$ 674,276	\$ (70,504)
Mon-1/20/14	253,885	-	353,023	527,742	(174,719)	X	\$ 4.5033	\$ 4.9536	0.14233	\$ 4.6540	\$ 4.6307	\$ (893,679)	\$ 809,077	\$ (84,602)
Tue-1/21/14	253,957	-	367,997	576,904	(208,907)	X	\$ 4.5033	\$ 4.9536	0.14233	\$ 4.6540	\$ 4.6307	\$ (1,068,546)	\$ 967,392	\$ (101,154)
Wed-1/22/14	254,159	-	308,693	576,904	(268,211)	X	\$ 4.6966	\$ 5.1663	0.14233	\$ 4.7657	\$ 4.7419	\$ (1,429,126)	\$ 1,271,822	\$ (157,303)
Thu-1/23/14	254,137	14,951	326,798	579,914	(253,116)	X	\$ 4.9355	\$ 5.4291	0.14233	\$ 4.9056	\$ 4.8811	\$ (1,415,459)	\$ 1,235,477	\$ (179,982)
Fri-1/24/14	254,159	12,957	323,714	586,937	(263,223)	X	\$ 5.1185	\$ 5.6304	0.14233	\$ 5.0178	\$ 4.9927	\$ (1,525,159)	\$ 1,314,196	\$ (210,963)
Sat-1/25/14	254,085	-	284,848	533,761	(248,913)	X	\$ 4.9151	\$ 5.4066	0.14233	\$ 4.9636	\$ 4.9388	\$ (1,386,347)	\$ 1,229,327	\$ (157,020)
Sun-1/26/14	254,159	-	285,043	532,758	(247,715)	X	\$ 4.9151	\$ 5.4066	0.14233	\$ 4.9636	\$ 4.9388	\$ (1,379,672)	\$ 1,223,410	\$ (156,261)
Mon-1/27/14	254,159	53,822	359,505	616,033	(256,528)	X	\$ 4.9151	\$ 5.4066	0.14233	\$ 4.9636	\$ 4.9388	\$ (1,428,758)	\$ 1,266,936	\$ (161,822)
Tue-1/28/14	254,158	-	298,626	544,798	(246,172)	X	\$ 5.2110	\$ 5.7321	0.14233	\$ 5.0548	\$ 5.0295	\$ (1,451,507)	\$ 1,238,128	\$ (213,379)
Wed-1/29/14	254,158	-	281,560	547,808	(266,248)	X	\$ 4.9947	\$ 5.4942	0.14233	\$ 5.0701	\$ 5.0447	\$ (1,506,293)	\$ 1,343,154	\$ (163,138)
Thu-1/30/14	254,053	-	307,965	565,867	(257,902)	X	\$ 5.1800	\$ 5.6980	0.14233	\$ 5.2647	\$ 5.2384	\$ (1,511,840)	\$ 1,350,988	\$ (160,852)
Fri-1/31/14	254,159	-	319,403	560,851	(241,448)	X	\$ 5.3100	\$ 5.8410	0.14233	\$ 5.4366	\$ 5.4094	\$ (1,450,042)	\$ 1,306,093	\$ (143,949)
Sat-2/1/14	254,159	-	359,226	457,510	(98,284)	X	\$ 5.1618	\$ 5.6780	0.14233	\$ 5.2981	\$ 5.2716	\$ (574,174)	\$ 518,115	\$ (56,059)
Sun-2/2/14	254,159	-	345,397	468,546	(123,149)	X	\$ 5.1618	\$ 5.6780	0.14233	\$ 5.2981	\$ 5.2716	\$ (719,437)	\$ 649,193	\$ (70,243)
Mon-2/3/14	254,159	39,868	385,176	642,119	(256,943)	X	\$ 5.1618	\$ 5.6780	0.14233	\$ 5.2981	\$ 5.2716	\$ (1,501,058)	\$ 1,354,503	\$ (146,555)
Tue-2/4/14	248,566	64,075	361,923	622,053	(260,130)	X	\$ 6.2354	\$ 6.8589	0.14233	\$ 6.1893	\$ 6.1584	\$ (1,828,025)	\$ 1,601,972	\$ (226,052)
Wed-2/5/14	251,435	126,581	475,011	714,357	(239,346)	X	\$ 8.6424	\$ 9.5066	0.14233	\$ 7.3848	\$ 7.3479	\$ (2,318,040)	\$ 1,758,685	\$ (559,355)
Thu-2/6/14	254,129	208,229	646,173	713,354	(67,181)	X	\$ 20.9938	\$ 23.0932	0.14233	\$ 11.9394	\$ 11.8797	\$ (1,566,794)	\$ 798,090	\$ (768,703)
Fri-2/7/14	253,995	254,158	651,221	837,765	(186,544)	X	\$ 8.2750	\$ 9.1025	0.14233	\$ 7.2293	\$ 7.1932	\$ (1,730,993)	\$ 1,341,840	\$ (389,153)
Sat-2/8/14	254,159	-	391,016	609,010	(217,994)	X	\$ 6.4667	\$ 7.1134	0.14233	\$ 6.5169	\$ 6.4843	\$ (1,587,591)	\$ 1,413,542	\$ (174,049)
Sun-2/9/14	254,039	-	409,703	606,000	(196,297)	X	\$ 6.4667	\$ 7.1134	0.14233	\$ 6.5169	\$ 6.4843	\$ (1,429,576)	\$ 1,272,852	\$ (156,724)
Mon-2/10/14	254,159	90,700	493,536	713,354	(219,818)	X	\$ 6.4667	\$ 7.1134	0.14233	\$ 6.5169	\$ 6.4843	\$ (1,600,876)	\$ 1,425,369	\$ (175,507)
Tue-2/11/14	254,159	50,830	353,794	618,040	(264,246)	X	\$ 8.2500	\$ 9.0750	0.14233	\$ 7.9169	\$ 7.8773	\$ (2,444,712)	\$ 2,081,549	\$ (363,163)
Wed-2/12/14	254,158	137,471	410,946	660,179	(249,233)	X	\$ 6.4734	\$ 7.1207	0.14233	\$ 6.4432	\$ 6.4110	\$ (1,816,937)	\$ 1,597,829	\$ (219,108)
Thu-2/13/14	254,159	65,782	367,185	609,010	(241,825)	X	\$ 5.5019	\$ 6.0521	0.14233	\$ 5.4729	\$ 5.4455	\$ (1,503,547)	\$ 1,316,867	\$ (186,680)

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2013-14 Winter Season

Flow Date	HUB		(A)	(B)	(A)-(B)	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement		Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
Fri-2/14/14	254,159	-	347,597	538,778	(191,181)	X	\$ 5.3267	\$ 5.8594	0.14233	\$ 5.4309	\$ 5.4037	\$ (1,151,684)	\$ 1,033,093	\$ (118,591)
Sat-2/15/14	253,986	-	323,782	540,785	(217,003)	X	\$ 5.5688	\$ 6.1257	0.14233	\$ 5.6608	\$ 5.6325	\$ (1,365,242)	\$ 1,222,269	\$ (142,973)
Sun-2/16/14	254,158	-	324,210	547,808	(223,598)	X	\$ 5.5688	\$ 6.1257	0.14233	\$ 5.6608	\$ 5.6325	\$ (1,406,736)	\$ 1,259,415	\$ (147,321)
Mon-2/17/14	254,132	-	305,543	544,798	(239,255)	X	\$ 5.5688	\$ 6.1257	0.14233	\$ 5.6608	\$ 5.6325	\$ (1,505,238)	\$ 1,347,603	\$ (157,635)
Tue-2/18/14	254,158	-	353,061	570,884	(217,823)	X	\$ 5.5688	\$ 6.1257	0.14233	\$ 5.6608	\$ 5.6325	\$ (1,370,400)	\$ 1,226,887	\$ (143,513)
Wed-2/19/14	254,159	-	358,266	513,695	(155,429)	X	\$ 5.5015	\$ 6.0517	0.14233	\$ 5.6482	\$ 5.6200	\$ (966,310)	\$ 873,505	\$ (92,806)
Thu-2/20/14	254,158	-	348,183	520,718	(172,535)	X	\$ 5.6928	\$ 6.2621	0.14233	\$ 5.8446	\$ 5.8154	\$ (1,109,097)	\$ 1,003,356	\$ (105,740)
Fri-2/21/14	254,159	-	371,966	448,480	(76,514)	X	\$ 6.1146	\$ 6.7261	0.14233	\$ 6.2483	\$ 6.2171	\$ (527,485)	\$ 475,692	\$ (51,793)
Mon-2/24/14	251,131	-	433,855	454,500	(20,645)	X	\$ 6.7185	\$ 7.3904	0.14233	\$ 6.8612	\$ 6.8269	\$ (156,092)	\$ 140,941	\$ (15,151)
Tue-2/25/14	254,159	-	426,009	485,602	(59,593)	X	\$ 6.9313	\$ 7.6244	0.14233	\$ 6.9732	\$ 6.9383	\$ (464,569)	\$ 413,476	\$ (51,093)
Wed-2/26/14	254,159	-	330,531	497,642	(167,111)	X	\$ 5.2353	\$ 5.7588	0.14233	\$ 5.3360	\$ 5.3093	\$ (989,819)	\$ 887,246	\$ (102,573)
Thu-2/27/14	254,159	-	395,453	498,646	(103,193)	X	\$ 5.3066	\$ 5.8373	0.14233	\$ 5.4458	\$ 5.4186	\$ (619,348)	\$ 559,159	\$ (60,189)
Fri-2/28/14	253,695	-	269,350	468,546	(199,196)	X	\$ 5.5643	\$ 6.1207	0.14233	\$ 5.6098	\$ 5.5818	\$ (1,252,224)	\$ 1,111,862	\$ (140,361)
Mon-3/3/14	239,208	-	481,682	599,980	(118,298)	X	\$ 6.1758	\$ 6.7934	0.14233	\$ 6.8436	\$ 6.8094	\$ (823,539)	\$ 805,536	\$ (18,003)
Tue-3/4/14	234,692	25,890	341,587	588,944	(247,357)	X	\$ 8.4583	\$ 9.3041	0.14233	\$ 8.7648	\$ 8.7210	\$ (2,345,348)	\$ 2,157,194	\$ (188,154)
Wed-3/5/14	239,208	-	308,770	548,811	(240,041)	X	\$ 7.0950	\$ 7.8045	0.14233	\$ 7.0534	\$ 7.0181	\$ (1,914,669)	\$ 1,684,640	\$ (230,030)
Thu-3/6/14	239,208	-	345,961	542,791	(196,830)	X	\$ 5.4760	\$ 6.0236	0.14233	\$ 5.6229	\$ 5.5948	\$ (1,218,160)	\$ 1,101,222	\$ (116,938)
Sat-3/8/14	239,207	-	394,902	480,586	(85,684)	X	\$ 4.7253	\$ 5.1978	0.14233	\$ 4.8435	\$ 4.8193	\$ (459,270)	\$ 412,935	\$ (46,334)
Sun-3/9/14	239,208	-	394,896	476,573	(81,677)	X	\$ 4.7253	\$ 5.1978	0.14233	\$ 4.8435	\$ 4.8193	\$ (437,792)	\$ 393,625	\$ (44,167)
Mon-3/10/14	239,208	-	394,941	537,775	(142,834)	X	\$ 4.7253	\$ 5.1978	0.14233	\$ 4.8435	\$ 4.8193	\$ (765,597)	\$ 688,357	\$ (77,240)
Tue-3/11/14	239,208	-	479,908	509,682	(29,774)	X	\$ 4.7416	\$ 5.2158	0.14233	\$ 4.9129	\$ 4.8883	\$ (160,127)	\$ 145,545	\$ (14,581)
Wed-3/12/14	239,208	-	471,181	508,679	(37,498)	X	\$ 4.7100	\$ 5.1810	0.14233	\$ 4.8354	\$ 4.8112	\$ (200,359)	\$ 180,411	\$ (19,948)
Thu-3/13/14	239,208	-	438,815	508,679	(69,864)	X	\$ 4.6611	\$ 5.1272	0.14233	\$ 4.8133	\$ 4.7892	\$ (369,521)	\$ 334,595	\$ (34,926)
Sat-3/15/14	239,206	-	419,759	452,493	(32,734)	X	\$ 4.3450	\$ 4.7795	0.14233	\$ 4.4572	\$ 4.4349	\$ (161,712)	\$ 145,172	\$ (16,539)
Sun-3/16/14	239,208	-	414,967	451,490	(36,523)	X	\$ 4.3450	\$ 4.7795	0.14233	\$ 4.4572	\$ 4.4349	\$ (180,429)	\$ 161,976	\$ (18,453)
Mon-3/17/14	239,208	-	451,972	510,685	(58,713)	X	\$ 4.3450	\$ 4.7795	0.14233	\$ 4.4572	\$ 4.4349	\$ (290,053)	\$ 260,387	\$ (29,666)
Tue-3/18/14	239,208	-	456,375	498,646	(42,271)	X	\$ 4.6468	\$ 5.1115	0.14233	\$ 4.8270	\$ 4.8029	\$ (222,909)	\$ 203,022	\$ (19,887)
Wed-3/19/14	239,208	-	411,774	500,652	(88,878)	X	\$ 4.5783	\$ 5.0361	0.14233	\$ 4.7545	\$ 4.7307	\$ (461,965)	\$ 420,458	\$ (41,508)

Season Total	>0	Cuml. Customer Delivery	<0	Total Below So. Syst. Min :	103	out of 121 Days Cust Deliveries Under Req. without baseload purchases.	Purchases	Sales	Net Cost
	30,263,017	1,868,430	(19,369,073)				\$ (114,291,633)	\$ 99,785,391	\$ (14,506,242)
									Incremental Purchase Cost : \$ (14,506,242)
									\$ 0.749 /dth

Sales Differential

Incremental Purchase Cost : \$ (14,506,242)

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2014-15 Winter Season

Flow Date	HUB		(A)	(B)	(A)-(B)	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement		Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
12/27/2014	253,611	-	457,991	467,735	(9,744)	X	\$ 2.8429	\$ 3.1272	0.15406	\$ 2.8052	\$ 2.7912	\$ (32,091)	\$ 27,197	\$ (4,893)
12/28/2014	244,917	-	453,659	467,735	(14,076)	X	\$ 2.8429	\$ 3.1272	0.15406	\$ 2.8052	\$ 2.7912	\$ (46,358)	\$ 39,289	\$ (7,069)
12/29/2014	254,055	-	426,087	644,391	(218,304)	X	\$ 2.8429	\$ 3.1272	0.15406	\$ 2.8052	\$ 2.7912	\$ (718,978)	\$ 609,324	\$ (109,653)
12/30/2014	254,054	67,748	484,565	690,562	(205,997)	X	\$ 3.6114	\$ 3.9725	0.15406	\$ 3.6280	\$ 3.6099	\$ (853,232)	\$ 743,620	\$ (109,612)
12/31/2014	252,723	27,896	482,977	740,748	(255,000)	X	\$ 3.4098	\$ 3.7508	0.15406	\$ 3.4611	\$ 3.4438	\$ (999,444)	\$ 878,168	\$ (121,276)
1/1/2015	253,146	-	460,484	698,550	(238,066)	X	\$ 3.1924	\$ 3.5116	0.15777	\$ 3.2494	\$ 3.2332	\$ (876,817)	\$ 769,704	\$ (107,113)
1/2/2015	254,010	14,944	482,454	732,674	(250,220)	X	\$ 3.1924	\$ 3.5116	0.15777	\$ 3.2494	\$ 3.2332	\$ (921,580)	\$ 809,000	\$ (112,580)
1/3/2015	247,598	-	404,700	585,136	(180,436)	X	\$ 3.2383	\$ 3.5621	0.15777	\$ 3.2508	\$ 3.2345	\$ (673,704)	\$ 583,629	\$ (90,075)
1/4/2015	240,307	-	389,672	569,077	(179,405)	X	\$ 3.2383	\$ 3.5621	0.15777	\$ 3.2508	\$ 3.2345	\$ (669,854)	\$ 580,294	\$ (89,560)
1/5/2015	253,338	-	417,155	632,308	(215,153)	X	\$ 3.2383	\$ 3.5621	0.15777	\$ 3.2508	\$ 3.2345	\$ (803,327)	\$ 695,922	\$ (107,405)
1/6/2015	254,063	18,927	325,088	579,114	(254,026)	X	\$ 3.2871	\$ 3.6158	0.15777	\$ 3.3059	\$ 3.2894	\$ (962,157)	\$ 835,586	\$ (126,572)
1/7/2015	254,027	-	286,553	476,740	(190,187)	X	\$ 3.1101	\$ 3.4211	0.15777	\$ 3.0997	\$ 3.0842	\$ (683,190)	\$ 586,575	\$ (96,615)
1/8/2015	248,179	-	298,184	474,733	(176,549)	X	\$ 3.1300	\$ 3.4430	0.15777	\$ 3.1568	\$ 3.1410	\$ (638,078)	\$ 554,543	\$ (83,535)
1/9/2015	253,869	-	293,448	474,733	(181,285)	X	\$ 2.9466	\$ 3.2413	0.15777	\$ 3.0133	\$ 2.9982	\$ (618,487)	\$ 543,535	\$ (74,953)
1/10/2015	254,066	-	324,582	366,337	(41,755)	X	\$ 2.9474	\$ 3.2421	0.15777	\$ 3.0968	\$ 3.0813	\$ (142,490)	\$ 128,660	\$ (13,830)
1/11/2015	254,066	-	324,573	372,359	(47,786)	X	\$ 2.9474	\$ 3.2421	0.15777	\$ 3.0968	\$ 3.0813	\$ (163,073)	\$ 147,244	\$ (15,830)
1/12/2015	254,069	-	325,169	492,799	(167,630)	X	\$ 2.9474	\$ 3.2421	0.15777	\$ 3.0968	\$ 3.0813	\$ (572,048)	\$ 516,521	\$ (55,527)
1/13/2015	254,069	-	292,765	493,802	(201,037)	X	\$ 2.9300	\$ 3.2230	0.15777	\$ 3.0741	\$ 3.0587	\$ (682,192)	\$ 614,918	\$ (67,274)
1/14/2015	254,054	-	323,539	436,594	(113,055)	X	\$ 2.9174	\$ 3.2091	0.15777	\$ 3.0614	\$ 3.0461	\$ (382,063)	\$ 344,376	\$ (37,687)
1/15/2015	254,069	-	302,770	471,722	(168,952)	X	\$ 3.1134	\$ 3.4247	0.15777	\$ 3.2695	\$ 3.2532	\$ (607,526)	\$ 549,627	\$ (57,899)
1/16/2015	254,069	-	387,176	462,689	(75,513)	X	\$ 3.2259	\$ 3.5485	0.15777	\$ 3.3833	\$ 3.3664	\$ (280,912)	\$ 254,206	\$ (26,707)
1/17/2015	254,069	-	291,703	364,330	(72,627)	X	\$ 2.9800	\$ 3.2780	0.15777	\$ 3.0985	\$ 3.0830	\$ (250,457)	\$ 223,910	\$ (26,548)
1/18/2015	254,069	-	291,703	364,330	(72,627)	X	\$ 2.9800	\$ 3.2780	0.15777	\$ 3.0985	\$ 3.0830	\$ (250,457)	\$ 223,910	\$ (26,548)
1/19/2015	254,068	-	292,403	417,524	(125,121)	X	\$ 2.9800	\$ 3.2780	0.15777	\$ 3.0985	\$ 3.0830	\$ (431,488)	\$ 385,749	\$ (45,739)
1/20/2015	254,069	-	294,342	514,879	(220,537)	X	\$ 2.9800	\$ 3.2780	0.15777	\$ 3.0985	\$ 3.0830	\$ (760,535)	\$ 679,917	\$ (80,618)
1/21/2015	254,069	-	318,425	540,975	(222,550)	X	\$ 2.8700	\$ 3.1570	0.15777	\$ 3.0281	\$ 3.0130	\$ (740,450)	\$ 670,534	\$ (69,916)
1/22/2015	254,069	-	379,482	426,557	(47,075)	X	\$ 2.8922	\$ 3.1814	0.15777	\$ 3.0491	\$ 3.0339	\$ (157,777)	\$ 142,819	\$ (14,958)
1/23/2015	254,069	-	328,511	427,561	(99,050)	X	\$ 2.8315	\$ 3.1147	0.15777	\$ 3.0048	\$ 2.9898	\$ (325,341)	\$ 296,137	\$ (29,203)
1/25/2015	236,146	-	342,317	379,385	(37,068)	X	\$ 2.8248	\$ 3.1073	0.15777	\$ 2.9727	\$ 2.9578	\$ (121,479)	\$ 109,641	\$ (11,838)
1/26/2015	254,069	-	398,242	465,700	(67,458)	X	\$ 2.8248	\$ 3.1073	0.15777	\$ 2.9727	\$ 2.9578	\$ (221,073)	\$ 199,530	\$ (21,544)
1/27/2015	254,069	-	416,314	564,059	(147,745)	X	\$ 2.7990	\$ 3.0789	0.15777	\$ 2.9611	\$ 2.9463	\$ (479,982)	\$ 435,300	\$ (44,682)
1/28/2015	266,368	-	424,225	498,821	(74,596)	X	\$ 2.8229	\$ 3.1052	0.15777	\$ 2.9854	\$ 2.9705	\$ (244,311)	\$ 221,585	\$ (22,725)
1/29/2015	253,752	-	447,046	503,839	(56,793)	X	\$ 2.7608	\$ 3.0369	0.15777	\$ 2.9341	\$ 2.9194	\$ (182,108)	\$ 165,803	\$ (16,305)
1/30/2015	254,069	-	395,173	482,762	(87,589)	X	\$ 2.7087	\$ 2.9796	0.15777	\$ 2.8640	\$ 2.8497	\$ (275,819)	\$ 249,601	\$ (26,219)
1/31/2015	253,892	-	387,092	413,509	(26,417)	X	\$ 2.7087	\$ 2.9796	0.15777	\$ 2.8640	\$ 2.8497	\$ (83,187)	\$ 75,280	\$ (7,907)
2/1/2015	254,071	-	389,694	409,495	(19,801)	X	\$ 2.4603	\$ 2.7063	0.15777	\$ 2.6294	\$ 2.6163	\$ (56,924)	\$ 51,804	\$ (5,120)
2/2/2015	254,071	-	411,271	507,854	(96,583)	X	\$ 2.4603	\$ 2.7063	0.15777	\$ 2.6294	\$ 2.6163	\$ (277,654)	\$ 252,686	\$ (24,969)

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2014-15 Winter Season

Flow Date	HUB		(A)	(B)	(A)-(B)	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement		Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
2/3/2015	249,852	-	483,986	506,850	(22,864)	X	\$ 2.4704	\$ 2.7174	0.15777	\$ 2.6458	\$ 2.6326	\$ (65,983)	\$ 60,191	\$ (5,792)
2/4/2015	254,070	-	364,764	419,531	(54,767)	X	\$ 2.4668	\$ 2.7135	0.15777	\$ 2.6629	\$ 2.6496	\$ (157,835)	\$ 145,110	\$ (12,726)
2/6/2015	254,071	-	398,378	414,513	(16,135)	X	\$ 2.3467	\$ 2.5814	0.15777	\$ 2.4977	\$ 2.4852	\$ (44,360)	\$ 40,099	\$ (4,261)
2/11/2015	254,070	-	362,577	376,374	(13,797)	X	\$ 2.4801	\$ 2.7281	0.15777	\$ 2.7354	\$ 2.7217	\$ (39,964)	\$ 37,552	\$ (2,412)
2/18/2015	254,071	-	369,990	373,363	(3,373)	X	\$ 2.6674	\$ 2.9341	0.15777	\$ 2.8302	\$ 2.8160	\$ (10,469)	\$ 9,499	\$ (971)
2/19/2015	254,071	-	334,139	372,359	(38,220)	X	\$ 2.6826	\$ 2.9509	0.15777	\$ 2.8542	\$ 2.8399	\$ (119,253)	\$ 108,542	\$ (10,711)
2/22/2015	253,438	-	343,392	348,271	(4,879)	X	\$ 2.9219	\$ 3.2141	0.15777	\$ 2.9974	\$ 2.9824	\$ (16,512)	\$ 14,551	\$ (1,961)
2/23/2015	254,071	-	404,982	638,330	(233,348)	X	\$ 2.9219	\$ 3.2141	0.15777	\$ 2.9974	\$ 2.9824	\$ (789,747)	\$ 695,940	\$ (93,807)
2/24/2015	254,071	70,702	434,550	703,568	(255,000)	X	\$ 3.0662	\$ 3.3728	0.15777	\$ 3.1392	\$ 3.1235	\$ (903,655)	\$ 796,494	\$ (107,161)
2/25/2015	254,071	47,825	376,485	612,235	(235,750)	X	\$ 2.9520	\$ 3.2472	0.15777	\$ 3.0082	\$ 2.9932	\$ (805,711)	\$ 705,637	\$ (100,074)
2/26/2015	254,059	-	292,368	382,396	(90,028)	X	\$ 3.0864	\$ 3.3950	0.15777	\$ 3.0715	\$ 3.0561	\$ (321,043)	\$ 275,138	\$ (45,904)
2/27/2015	254,071	-	287,693	381,392	(93,699)	X	\$ 2.9775	\$ 3.2753	0.15777	\$ 2.9849	\$ 2.9700	\$ (322,869)	\$ 278,284	\$ (44,585)
2/28/2015	254,071	-	282,669	407,487	(124,818)	X	\$ 2.9775	\$ 3.2753	0.15777	\$ 2.9849	\$ 2.9700	\$ (430,099)	\$ 370,706	\$ (59,393)
3/1/2015	254,071	-	333,761	478,747	(144,986)	X	\$ 2.6269	\$ 2.8896	0.15777	\$ 2.8074	\$ 2.7934	\$ (443,470)	\$ 404,999	\$ (38,472)
3/2/2015	254,071	66,755	395,496	660,410	(255,000)	X	\$ 2.6269	\$ 2.8896	0.15777	\$ 2.8074	\$ 2.7934	\$ (779,972)	\$ 712,308	\$ (67,664)
3/3/2015	253,636	57,788	393,395	609,224	(215,829)	X	\$ 2.8297	\$ 3.1127	0.15777	\$ 2.8930	\$ 2.8785	\$ (708,485)	\$ 621,271	\$ (87,214)
3/4/2015	254,071	-	267,004	496,813	(229,809)	X	\$ 2.9901	\$ 3.2891	0.15777	\$ 2.8681	\$ 2.8538	\$ (795,075)	\$ 655,820	\$ (139,255)
3/5/2015	254,071	-	248,642	449,641	(200,999)	X	\$ 2.9626	\$ 3.2589	0.15777	\$ 2.9306	\$ 2.9159	\$ (689,295)	\$ 586,102	\$ (103,192)
3/6/2015	254,020	-	291,577	433,583	(142,006)	X	\$ 2.7472	\$ 3.0219	0.15777	\$ 2.8224	\$ 2.8083	\$ (453,217)	\$ 398,794	\$ (54,423)
3/7/2015	254,071	-	294,255	323,180	(28,925)	X	\$ 2.5902	\$ 2.8492	0.15777	\$ 2.7386	\$ 2.7249	\$ (87,302)	\$ 78,818	\$ (8,484)
3/8/2015	254,071	-	294,255	324,183	(29,928)	X	\$ 2.5902	\$ 2.8492	0.15777	\$ 2.7386	\$ 2.7249	\$ (90,327)	\$ 81,551	\$ (8,776)
3/9/2015	254,071	-	294,255	408,491	(114,236)	X	\$ 2.5902	\$ 2.8492	0.15777	\$ 2.7386	\$ 2.7249	\$ (344,784)	\$ 311,282	\$ (33,502)
3/10/2015	254,069	-	349,604	404,476	(54,872)	X	\$ 2.5110	\$ 2.7621	0.15777	\$ 2.6705	\$ 2.6571	\$ (160,815)	\$ 145,803	\$ (15,012)
3/11/2015	254,071	-	305,479	404,476	(98,997)	X	\$ 2.5031	\$ 2.7534	0.15777	\$ 2.7136	\$ 2.7000	\$ (289,272)	\$ 267,295	\$ (21,977)
3/12/2015	254,071	-	340,683	387,414	(46,731)	X	\$ 2.5694	\$ 2.8263	0.15777	\$ 2.7350	\$ 2.7213	\$ (139,970)	\$ 127,170	\$ (12,799)
3/13/2015	252,571	-	334,407	364,330	(29,923)	X	\$ 2.5800	\$ 2.8380	0.15777	\$ 2.7409	\$ 2.7272	\$ (89,975)	\$ 81,606	\$ (8,369)
3/14/2015	254,071	-	310,488	335,224	(24,736)	X	\$ 2.4609	\$ 2.7070	0.15777	\$ 2.6349	\$ 2.6217	\$ (71,126)	\$ 64,851	\$ (6,275)
3/15/2015	254,071	-	320,310	336,227	(15,917)	X	\$ 2.4609	\$ 2.7070	0.15777	\$ 2.6349	\$ 2.6217	\$ (45,767)	\$ 41,730	\$ (4,037)
3/16/2015	254,071	-	325,294	535,956	(210,662)	X	\$ 2.4609	\$ 2.7070	0.15777	\$ 2.6349	\$ 2.6217	\$ (605,742)	\$ 552,298	\$ (53,444)
3/17/2015	253,498	-	408,665	440,608	(31,943)	X	\$ 2.4758	\$ 2.7234	0.15777	\$ 2.6670	\$ 2.6537	\$ (92,375)	\$ 84,766	\$ (7,609)
3/18/2015	254,071	-	361,445	390,425	(28,980)	X	\$ 2.5920	\$ 2.8512	0.15777	\$ 2.7995	\$ 2.7855	\$ (87,525)	\$ 80,724	\$ (6,801)
3/19/2015	247,606	-	314,971	392,432	(77,461)	X	\$ 2.5880	\$ 2.8468	0.15777	\$ 2.7314	\$ 2.7177	\$ (233,602)	\$ 210,519	\$ (23,083)
3/20/2015	252,211	-	313,775	368,344	(54,569)	X	\$ 2.6338	\$ 2.8972	0.15777	\$ 2.7118	\$ 2.6982	\$ (167,326)	\$ 147,240	\$ (20,085)
3/21/2015	254,071	-	313,311	315,150	(1,839)	X	\$ 2.5540	\$ 2.8094	0.15777	\$ 2.5171	\$ 2.5045	\$ (5,477)	\$ 4,606	\$ (872)
3/22/2015	251,355	-	310,213	311,136	(923)	X	\$ 2.5540	\$ 2.8094	0.15777	\$ 2.5171	\$ 2.5045	\$ (2,748)	\$ 2,312	\$ (436)
3/23/2015	254,071	-	316,070	357,304	(41,234)	X	\$ 2.5540	\$ 2.8094	0.15777	\$ 2.5171	\$ 2.5045	\$ (122,805)	\$ 103,271	\$ (19,534)
3/24/2015	249,351	-	296,445	343,253	(46,808)	X	\$ 2.4827	\$ 2.7310	0.15777	\$ 2.6485	\$ 2.6353	\$ (135,719)	\$ 123,351	\$ (12,368)

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2014-15 Winter Season

Net Scheduled to Blythe : (EHR-OTAY-NBP) (A) (B) (A)-(B)

Flow Date	HUB		Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot					Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
3/25/2015	254,069	-	304,637	380,388	(75,751)	X	\$ 2.5610	\$ 2.8171	0.15777	\$ 2.6190	\$ 2.6059	\$ (226,188)	\$ 197,400	\$ (28,788)
3/26/2015	254,071	-	360,988	399,458	(38,470)	X	\$ 2.5500	\$ 2.8050	0.15777	\$ 2.6918	\$ 2.6783	\$ (114,401)	\$ 103,036	\$ (11,366)
3/27/2015	254,071	-	304,605	396,447	(91,842)	X	\$ 2.4938	\$ 2.7432	0.15777	\$ 2.6749	\$ 2.6615	\$ (267,421)	\$ 244,440	\$ (22,981)
3/28/2015	253,988	-	330,397	346,264	(15,867)	X	\$ 2.3797	\$ 2.6177	0.15777	\$ 2.4606	\$ 2.4483	\$ (44,202)	\$ 38,847	\$ (5,355)
3/29/2015	254,071	-	328,146	333,216	(5,070)	X	\$ 2.3797	\$ 2.6177	0.15777	\$ 2.4606	\$ 2.4483	\$ (14,124)	\$ 12,413	\$ (1,711)
3/30/2015	254,071	-	330,536	365,333	(34,797)	X	\$ 2.3797	\$ 2.6177	0.15777	\$ 2.4606	\$ 2.4483	\$ (96,938)	\$ 85,193	\$ (11,744)
3/31/2015	254,071	-	297,718	354,293	(56,575)	X	\$ 2.4112	\$ 2.6523	0.15777	\$ 2.5804	\$ 2.5675	\$ (159,574)	\$ 145,256	\$ (14,318)

Season Total	>0 30,637,467	372,585	Cuml. Customer Delivery Total Below So. Syst. Min :	<0 (8,490,176)	Dth 81	out of 121 Days Cust Deliveries Under Req. without baseload purchases.	Purchases \$ (28,779,164)	Sales \$ 25,448,956	Net Cost \$ (3,330,208)	\$ 0.392 \$/dth
							Sales Differential		Incremental Purchase Cost : \$ (3,330,208)	

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2015-16 Winter Season

Net Scheduled to Blythe : (EHR-OTAY-NBP)		(A)	(B)	(A)-(B)			110.0%			99.5%					
HUB		Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement	Filter	Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)	Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost		
Flow Date	Baseload													Spot	
Tue-12/1/15	254,528	-	542,979	583,079	(40,100)	X	\$ 2.3986	\$ 2.6385	0.17784	\$ 2.5733	\$ 2.5604	\$ (113,353)	\$ 102,673	\$ (10,680)	
Wed-12/16/15	233,013	-	573,776	628,162	(54,386)	X	\$ 2.2353	\$ 2.4588	0.17784	\$ 2.3430	\$ 2.3313	\$ (143,933)	\$ 126,789	\$ (17,144)	
Thu-12/17/15	243,276	-	561,477	629,164	(67,687)	X	\$ 2.3264	\$ 2.5590	0.17784	\$ 2.3775	\$ 2.3656	\$ (185,941)	\$ 160,121	\$ (25,820)	
Fri-12/18/15	219,843	-	615,871	685,268	(69,397)	X	\$ 2.2672	\$ 2.4939	0.17784	\$ 2.3525	\$ 2.3407	\$ (186,101)	\$ 162,440	\$ (23,661)	
Sat-12/19/15	251,727	-	481,607	550,018	(68,411)	X	\$ 1.9837	\$ 2.1821	0.17784	\$ 2.3709	\$ 2.3590	\$ (162,046)	\$ 161,385	\$ (661)	
Sun-12/20/15	251,753	-	482,756	574,062	(91,306)	X	\$ 1.9837	\$ 2.1821	0.17784	\$ 2.3709	\$ 2.3590	\$ (216,276)	\$ 215,395	\$ (881)	
Mon-12/21/15	251,753	-	503,501	621,149	(117,648)	X	\$ 1.9837	\$ 2.1821	0.17784	\$ 2.3709	\$ 2.3590	\$ (278,672)	\$ 277,537	\$ (1,135)	
Tue-12/22/15	254,529	-	493,826	656,214	(162,388)	X	\$ 2.1753	\$ 2.3928	0.17784	\$ 2.4110	\$ 2.3989	\$ (419,001)	\$ 389,560	\$ (29,441)	
Wed-12/23/15	234,531	-	490,370	658,218	(167,848)	X	\$ 2.0318	\$ 2.2350	0.17784	\$ 2.4724	\$ 2.4600	\$ (406,495)	\$ 412,912	\$ 6,417	
Thu-12/24/15	248,639	-	478,150	537,995	(59,845)	X	\$ 2.0519	\$ 2.2571	0.17784	\$ 2.5032	\$ 2.4907	\$ (146,261)	\$ 149,055	\$ 2,794	
Fri-12/25/15	235,684	-	494,045	557,031	(62,986)	X	\$ 2.1113	\$ 2.3224	0.17784	\$ 2.5761	\$ 2.5632	\$ (158,070)	\$ 161,447	\$ 3,377	
Sun-12/27/15	247,080	-	350,821	605,119	(254,298)	X	\$ 2.1113	\$ 2.3224	0.17784	\$ 2.5761	\$ 2.5632	\$ (638,181)	\$ 651,822	\$ 13,640	
Mon-12/28/15	245,607	161,893	439,859	733,357	(293,498)	X	\$ 2.1113	\$ 2.3224	0.17784	\$ 2.5761	\$ 2.5632	\$ (736,557)	\$ 752,300	\$ 15,743	
Tue-12/29/15	254,529	54,898	513,042	734,359	(221,317)	X	\$ 2.9479	\$ 3.2427	0.17784	\$ 2.8458	\$ 2.8316	\$ (759,840)	\$ 626,675	\$ (133,165)	
Wed-12/30/15	254,305	-	507,447	715,323	(207,876)	X	\$ 3.0199	\$ 3.3219	0.17784	\$ 3.0104	\$ 2.9953	\$ (730,219)	\$ 622,661	\$ (107,558)	
Thu-12/31/15	254,529	-	546,019	734,359	(188,340)	X	\$ 2.6548	\$ 2.9203	0.17784	\$ 2.7531	\$ 2.7393	\$ (585,672)	\$ 515,926	\$ (69,745)	
Fri-1/1/16	254,172	-	512,744	637,070	(124,326)	X	\$ 2.5531	\$ 2.8084	0.16201	\$ 2.7224	\$ 2.7088	\$ (370,676)	\$ 336,773	\$ (33,903)	
Sat-1/2/16	254,172	-	504,681	600,953	(96,272)	X	\$ 2.5531	\$ 2.8084	0.16201	\$ 2.7224	\$ 2.7088	\$ (287,032)	\$ 260,780	\$ (26,251)	
Sun-1/3/16	254,172	-	502,420	599,950	(97,530)	X	\$ 2.5531	\$ 2.8084	0.16201	\$ 2.7224	\$ 2.7088	\$ (290,783)	\$ 264,188	\$ (26,595)	
Mon-1/4/16	254,172	-	500,990	702,282	(201,292)	X	\$ 2.5531	\$ 2.8084	0.16201	\$ 2.7224	\$ 2.7088	\$ (600,150)	\$ 545,257	\$ (54,892)	
Tue-1/5/16	254,172	-	525,389	681,214	(155,825)	X	\$ 2.6250	\$ 2.8875	0.16201	\$ 2.7261	\$ 2.7125	\$ (476,959)	\$ 422,671	\$ (54,288)	
Wed-1/6/16	254,172	-	569,506	699,273	(129,767)	X	\$ 2.5094	\$ 2.7603	0.16201	\$ 2.6964	\$ 2.6829	\$ (380,636)	\$ 348,154	\$ (32,482)	
Thu-1/7/16	254,171	-	601,726	713,318	(111,592)	X	\$ 2.5567	\$ 2.8124	0.16201	\$ 2.7107	\$ 2.6971	\$ (333,154)	\$ 300,980	\$ (32,174)	
Fri-1/8/16	254,171	-	559,704	725,357	(165,653)	X	\$ 2.5460	\$ 2.8006	0.16201	\$ 2.7917	\$ 2.7777	\$ (492,593)	\$ 460,141	\$ (32,452)	
Mon-1/11/16	254,172	-	539,722	603,963	(64,241)	X	\$ 2.6818	\$ 2.9500	0.16201	\$ 2.8080	\$ 2.7940	\$ (200,661)	\$ 179,487	\$ (21,174)	
Tue-1/12/16	254,172	-	522,801	623,025	(100,224)	X	\$ 2.5759	\$ 2.8335	0.16201	\$ 2.7583	\$ 2.7445	\$ (301,338)	\$ 275,066	\$ (26,273)	
Wed-1/13/16	254,172	-	564,322	626,035	(61,713)	X	\$ 2.3889	\$ 2.6278	0.16201	\$ 2.6018	\$ 2.5888	\$ (172,809)	\$ 159,762	\$ (13,047)	
Thu-1/14/16	254,172	-	582,829	619,012	(36,183)	X	\$ 2.3241	\$ 2.5565	0.16201	\$ 2.5044	\$ 2.4919	\$ (98,731)	\$ 90,164	\$ (8,568)	
Fri-1/15/16	253,623	-	535,502	606,973	(71,471)	X	\$ 2.2980	\$ 2.5278	0.16201	\$ 2.4542	\$ 2.4419	\$ (192,959)	\$ 174,527	\$ (18,432)	
Sat-1/16/16	254,172	-	438,747	515,676	(76,929)	X	\$ 2.2336	\$ 2.4570	0.16201	\$ 2.3516	\$ 2.3398	\$ (202,224)	\$ 180,002	\$ (22,222)	
Sun-1/17/16	254,172	-	465,135	513,669	(48,534)	X	\$ 2.2336	\$ 2.4570	0.16201	\$ 2.3516	\$ 2.3398	\$ (127,583)	\$ 113,562	\$ (14,021)	
Mon-1/18/16	254,171	-	459,531	584,901	(125,370)	X	\$ 2.2336	\$ 2.4570	0.16201	\$ 2.3516	\$ 2.3398	\$ (329,563)	\$ 293,346	\$ (36,217)	
Tue-1/19/16	254,172	-	474,387	583,898	(109,511)	X	\$ 2.2336	\$ 2.4570	0.16201	\$ 2.3516	\$ 2.3398	\$ (287,875)	\$ 256,238	\$ (31,636)	
Wed-1/20/16	254,172	-	517,395	568,849	(51,454)	X	\$ 2.2715	\$ 2.4987	0.16201	\$ 2.3797	\$ 2.3678	\$ (137,412)	\$ 121,833	\$ (15,580)	
Thu-1/21/16	223,146	-	485,687	563,832	(78,145)	X	\$ 2.2328	\$ 2.4561	0.16201	\$ 2.3761	\$ 2.3642	\$ (205,353)	\$ 184,752	\$ (20,601)	
Fri-1/22/16	231,586	-	474,568	563,832	(89,264)	X	\$ 2.2143	\$ 2.4357	0.16201	\$ 2.4234	\$ 2.4113	\$ (232,747)	\$ 215,241	\$ (17,506)	
Mon-2/1/16	254,172	-	479,086	679,207	(200,121)	X	\$ 2.3224	\$ 2.5546	0.16201	\$ 2.4804	\$ 2.4680	\$ (545,683)	\$ 493,898	\$ (51,784)	

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2015-16 Winter Season

Flow Date	HUB		(A)	(B)	(A)-(B)	Filter	110.0%			99.5%		Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	5th Cycle Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement		Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)			
Tue-2/2/16	254,172	60,802	508,365	695,260	(186,895)	X	\$ 2.2562	\$ 2.4818	0.16201	\$ 2.3931	\$ 2.3811	\$ (495,959)	\$ 445,022	\$ (50,937)
Wed-2/3/16	254,172	14,951	445,812	659,142	(213,330)	X	\$ 2.1006	\$ 2.3107	0.16201	\$ 2.2493	\$ 2.2381	\$ (529,458)	\$ 477,444	\$ (52,014)
Thu-2/4/16	254,172	-	413,414	625,031	(211,617)	X	\$ 2.1420	\$ 2.3562	0.16201	\$ 2.2870	\$ 2.2756	\$ (534,880)	\$ 481,548	\$ (53,332)
Fri-2/5/16	254,172	-	434,232	591,924	(157,692)	X	\$ 2.0565	\$ 2.2622	0.16201	\$ 2.2131	\$ 2.2020	\$ (383,694)	\$ 347,243	\$ (36,450)
Mon-2/8/16	254,172	-	456,221	494,607	(38,386)	X	\$ 2.0368	\$ 2.2405	0.16201	\$ 2.1787	\$ 2.1678	\$ (92,566)	\$ 83,213	\$ (9,352)
Tue-2/9/16	254,172	-	469,409	478,555	(9,146)	X	\$ 2.1220	\$ 2.3342	0.16201	\$ 2.2852	\$ 2.2738	\$ (22,915)	\$ 20,796	\$ (2,119)
Wed-2/10/16	254,172	-	473,512	479,559	(6,047)	X	\$ 2.0572	\$ 2.2629	0.16201	\$ 2.2183	\$ 2.2072	\$ (14,719)	\$ 13,347	\$ (1,372)
Thu-2/11/16	254,172	-	453,410	479,559	(26,149)	X	\$ 2.0076	\$ 2.2084	0.16201	\$ 2.1635	\$ 2.1527	\$ (62,213)	\$ 56,290	\$ (5,922)
Fri-2/12/16	254,170	-	463,837	464,510	(673)	X	\$ 1.9514	\$ 2.1465	0.16201	\$ 2.1171	\$ 2.1065	\$ (1,561)	\$ 1,418	\$ (143)
Mon-2/15/16	254,172	-	429,117	442,438	(13,321)	X	\$ 1.8307	\$ 2.0138	0.16201	\$ 1.8511	\$ 1.8418	\$ (29,092)	\$ 24,535	\$ (4,557)
Tue-2/16/16	254,172	-	421,143	474,542	(53,399)	X	\$ 1.8307	\$ 2.0138	0.16201	\$ 1.8511	\$ 1.8418	\$ (116,617)	\$ 98,353	\$ (18,265)
Thu-2/18/16	254,171	-	491,773	527,715	(35,942)	X	\$ 1.7325	\$ 1.9058	0.16201	\$ 1.9053	\$ 1.8958	\$ (74,597)	\$ 68,138	\$ (6,459)
Fri-2/19/16	254,172	-	408,659	573,865	(165,206)	X	\$ 1.6915	\$ 1.8607	0.16201	\$ 1.8915	\$ 1.8820	\$ (335,400)	\$ 310,925	\$ (24,475)
Wed-2/24/16	254,172	-	448,034	450,464	(2,430)	X	\$ 1.7200	\$ 1.8920	0.16201	\$ 1.8826	\$ 1.8732	\$ (5,010)	\$ 4,552	\$ (458)
Thu-2/25/16	254,172	-	405,069	450,464	(45,395)	X	\$ 1.7015	\$ 1.8717	0.16201	\$ 1.8701	\$ 1.8607	\$ (92,662)	\$ 84,469	\$ (8,193)
Fri-2/26/16	254,172	-	394,803	426,386	(31,583)	X	\$ 1.6353	\$ 1.7988	0.16201	\$ 1.8051	\$ 1.7961	\$ (62,161)	\$ 56,725	\$ (5,435)
Mon-2/29/16	254,172	-	443,549	448,457	(4,908)	X	\$ 1.5352	\$ 1.6887	0.16201	\$ 1.5890	\$ 1.5811	\$ (9,117)	\$ 7,760	\$ (1,357)
Sat-3/5/16	254,172	-	467,770	494,607	(26,837)	X	\$ 1.3571	\$ 1.4928	0.16201	\$ 1.3778	\$ 1.3709	\$ (44,576)	\$ 36,791	\$ (7,785)
Sun-3/6/16	254,172	-	477,741	557,813	(80,072)	X	\$ 1.3571	\$ 1.4928	0.16201	\$ 1.3778	\$ 1.3709	\$ (132,998)	\$ 109,772	\$ (23,226)
Mon-3/7/16	254,172	-	516,428	656,132	(139,704)	X	\$ 1.3571	\$ 1.4928	0.16201	\$ 1.3778	\$ 1.3709	\$ (232,045)	\$ 191,522	\$ (40,524)
Wed-3/9/16	253,396	-	551,068	596,940	(45,872)	X	\$ 1.4868	\$ 1.6355	0.16201	\$ 1.6568	\$ 1.6485	\$ (82,762)	\$ 75,621	\$ (7,141)
Thu-3/10/16	254,172	-	462,715	562,829	(100,114)	X	\$ 1.4998	\$ 1.6498	0.16201	\$ 1.6644	\$ 1.6561	\$ (182,061)	\$ 165,797	\$ (16,265)
Fri-3/11/16	251,894	-	460,003	545,774	(85,771)	X	\$ 1.5460	\$ 1.7006	0.16201	\$ 1.7123	\$ 1.7037	\$ (160,352)	\$ 146,131	\$ (14,221)
Sat-3/12/16	254,172	-	342,728	441,435	(98,707)	X	\$ 1.5473	\$ 1.7020	0.16201	\$ 1.6912	\$ 1.6827	\$ (184,680)	\$ 166,099	\$ (18,581)
Sun-3/13/16	254,172	-	342,728	445,448	(102,720)	X	\$ 1.5473	\$ 1.7020	0.16201	\$ 1.6912	\$ 1.6827	\$ (192,188)	\$ 172,851	\$ (19,337)
Mon-3/14/16	254,172	-	342,728	598,947	(256,219)	X	\$ 1.5473	\$ 1.7020	0.16201	\$ 1.6912	\$ 1.6827	\$ (479,381)	\$ 431,151	\$ (48,230)
Tue-3/15/16	254,172	-	471,276	554,803	(83,527)	X	\$ 1.5980	\$ 1.7578	0.16201	\$ 1.7550	\$ 1.7462	\$ (160,953)	\$ 145,857	\$ (15,096)
Wed-3/16/16	254,172	-	436,975	551,793	(114,818)	X	\$ 1.6633	\$ 1.8296	0.16201	\$ 1.8298	\$ 1.8207	\$ (229,529)	\$ 209,044	\$ (20,485)
Fri-3/18/16	254,172	-	404,014	413,343	(9,329)	X	\$ 1.6756	\$ 1.8432	0.16201	\$ 1.8371	\$ 1.8279	\$ (18,776)	\$ 17,053	\$ (1,724)
Sat-3/19/16	254,172	-	306,471	354,151	(47,680)	X	\$ 1.6990	\$ 1.8689	0.16201	\$ 1.8411	\$ 1.8319	\$ (97,195)	\$ 87,345	\$ (9,851)
Sun-3/20/16	254,172	-	306,471	364,184	(57,713)	X	\$ 1.6990	\$ 1.8689	0.16201	\$ 1.8411	\$ 1.8319	\$ (117,647)	\$ 105,724	\$ (11,922)
Mon-3/21/16	254,172	-	306,471	441,435	(134,964)	X	\$ 1.6990	\$ 1.8689	0.16201	\$ 1.8411	\$ 1.8319	\$ (275,121)	\$ 247,240	\$ (27,881)
Mon-3/28/16	254,172	-	479,129	501,630	(22,501)	X	\$ 1.6115	\$ 1.7727	0.16201	\$ 1.7493	\$ 1.7406	\$ (43,694)	\$ 39,164	\$ (4,530)
Tue-3/29/16	254,172	-	462,908	471,532	(8,624)	X	\$ 1.6061	\$ 1.7667	0.16201	\$ 1.7832	\$ 1.7743	\$ (16,695)	\$ 15,301	\$ (1,394)

YTD Season Total	>0 30,722,310	292,544	Cuml. Customer Delivery	<0 (7,083,313)	Dth	Purchases	Sales	Net Cost
			Total Below So. Syst. Min :			\$ (18,006,370)	\$ 16,477,003	\$ (1,529,368)

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2015-16 Winter Season

Net Scheduled to Blythe : (EHR-OTAY-NBP) (A) (B) (A)-(B)

	HUB			
	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	Southern System Minimum Requirement
Flow Date				Deliveries (Excl Baseload) Over/Under Requirement
				72

	110.0%		99.5%			
Ehrenberg Index (\$)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index (\$)	City Gate Sales Price (Spot Index X 0.995)	Spot Purchase Cost [Blythe\$+BTS X DeliveryReq (w/Fuel)]	Net Spot Cost

Filter out of 122 Days Cust Deliveries Under Req. without baseload purchases.

\$ 0.216 \$/dth

Incremental Purchase Cost : **\$ (1,529,368)**

Sales Differential