BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

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Application of Southern California Gas Company (U 904 G) and San Diego Gas & Electric Company (U 902 G) For Authority To Recover North-South Project Revenue Requirement In Customer Rates And For Approval Of Related Cost Allocation And Rate Design Proposals	A.13-12-013

SOUTHERN CALIFORNIA GENERATION COALITION
NOTICE OF EX PARTE CONTACT

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Attorney For **THE SOUTHERN CALIFORNIA GENERATION COALITION**

Dated: June 3, 2016

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

Application of Southern California Gas Company (U 904 G) and San Diego Gas & Electric Company (U 902 G) For Authority To Recover North-South Project Revenue Requirement In Customer Rates And For Approval Of Related Cost Allocation And Rate Design Proposals	A.13-12-013

SOUTHERN CALIFORNIA GENERATION COALITION
NOTICE OF EX PARTE CONTACT

In accordance with Rule 8.4 of the Rules of Practice and Procedure of the California Public Utilities Commission ("Commission"), the Office of Ratepayer Advocates ("ORA"), The Utility Reform Network ("TURN"), and the Southern California Generation Coalition ("SCGC") give notice of an oral ex parte communication with Kenneth Koss, Chief of Staff to Commissioner Michael J. Picker, at the Commission's office located at 505 Van Ness Avenue, San Francisco, CA 94102, on Wednesday, June 1, 2016 (4:00-4:30 pm). The person initiating the communication was Norman Pedersen. The persons present during the communication were Nathaniel Skinner (ORA), Jonathan Bromson (ORA), Marcel Hawiger (TURN), and Norman Pedersen (SCGC) (jointly, "Communicators").

The Communicators told Mr. Koss that ORA, TURN, and SCGC support the Proposed Decision ("PD") of Administrative Law Judge ("ALJ") Bemesderfer in A.13-12-013. They explained that the Aliso Canyon situation does not create a need for the North-South Project. To the contrary, insofar as the North-South Project was intended to make storage supplies from the Honor Rancho storage field available to the Southern System, the Aliso Canyon situation reduces the alleged justification for the North-South Project because Honor Rancho gas will be needed for the Northern System in lieu of Aliso Canyon supplies.

The Communicators explained that existing tools to maintain Southern System reliability are working well. They pointed out that the May 26, 2016 SCGC Motion for Official Notice (Attachment A) contains attachments showing that the Southern California Gas Company ("SoCalGas") spent a total of $3.2 million to maintain Southern System reliability during the April, 2015 – March, 2016 twelve month period. This should be compared to the first year revenue requirement of $133.6 million for the North-South Project. Further, the attachments show that the ability to enter baseload contracts for winter supplies has saved an average of $3.1 million over the last three years in contrast to the cost of spot purchases.

The Communicators explained that although SoCalGas used a map (Attachment B) in its ex parte communications showing no cross-overs between the El Paso North Mainline and the El Paso South Mainline, a map of the El Paso system shows there are cross-overs (Attachment C).

Lastly, the Communicators said there was no need for a rulemaking on Southern System reliability as SoCalGas proposed in comments on the PD. If SoCalGas believes additional measures are necessary to assure Southern System reliability, SoCalGas can present such alternatives to the Commission through an application or other appropriate filing. Further, if there were to be a rulemaking, it should be after the Aliso Canyon issue is resolved.

Respectfully submitted,

Dated: June 3, 2016

/s/ Norman A. Pedersen

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ATTACHMENT A

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

Application of Southern California Gas Company (U 904 G) and San Diego Gas & Electric Company (U 902 G) For Authority To Recover North-South Project Revenue Requirement In Customer Rates And For Approval Of Related Cost Allocation And Rate Design Proposals	A.13-12-013

SOUTHERN CALIFORNIA GENERATION COALITION MOTION FOR OFFICIAL NOTICE OF THE SOUTHERN CALIFORNIA GAS COMPANY SEVENTH ANNUAL REPORT OF SYSTEM RELIABILITY ISSUES AND ADVICE LETTER NO. 4970

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Attorneys for the **SOUTHERN CALIFORNIA GENERATION COALITION**

Dated: May 26, 2016

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

Application of Southern California Gas Company (U 904 G) and San Diego Gas & Electric Company (U 902 G) For Authority To Recover North-South Project Revenue Requirement In Customer Rates And For Approval Of Related Cost Allocation And Rate Design Proposals	A.13-12-013

SOUTHERN CALIFORNIA GENERATION COALITION
MOTION FOR OFFICIAL NOTICE
OF THE SOUTHERN CALIFORNIA GAS COMPANY
SEVENTH ANNUAL REPORT OF SYSTEM RELIABILITY ISSUES AND
ADVICE LETTER NO. 4970

Pursuant to Rules 11.1 and 13.9 of the Rules of Practice and Procedure ("Rules") of the California Public Utilities Commission ("Commission"), the Southern California Generation Coalition ("SCGC") moves for official notice of the Southern California Gas Company ("SoCalGas") Seventh Annual Report of System Reliability Issues ("Report") dated May 19, 2016, and SoCalGas Advice Letter No. 4970 ("Advice 4970").

Insofar as a Proposed Decision is to appear on the agenda for the Commission's June 9, 2016 business meeting, this motion is extremely time-sensitive. SCGC respectfully requests that a ruling be issued as soon as practicable to shorten the period for responses to this motion to May 31, 2016, five days after the service of this motion.

The purpose of this request for official notice is to update information on the efficacy of non-physical measures, primarily, baseload contracts, to maintain the Southern System reliability. In the Report, SoCalGas states:

> During the Report period SoCalGas purchased and sold approximately 30.7 MMDth of baseload supply at an approximate net cost of 7 cents per Dth or a total approximate net cost of $2.2 million.
>
> During the Report period SoCalGas also purchased and sold approximately 2.5 MMDth of spot market supply at an approximate net cost of 40 cents per Dth or a total approximate net cost of $1 million.
>
> During the Report period SoCalGas did not offer any discounted interruptible transportation rates for gas transported from the El Paso – Ehrenberg receipt point to increase customer delivery of gas into the Southern System.
>
> The total System Operator cost of meeting Southern System minimum flow requirements over the April 2015-March 2016 period was $3.2 million; $2.2 million in Hub baseload purchases and $1 million in Hub spot purchases reflected in the System Reliability Memorandum Account (SRMA).[1]

Advice 4970 contains a request by SoCalGas to revise its Rule No. 41 to enable SoCalGas to continue to enter into a winter baseload contracts to support Southern System reliability for another three years. The Advice letter contains attachments demonstrating the economics of baseload contracts over the past three winters, providing detailed net costs of the baseload contracts, and analyzing the spot gas costs that were avoided as a result of SoCalGas utilizing baseload contracts. SoCalGas summarizes the information provided in the Advice 4970 as follows:

> 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.[2]

---

[1] Seventh Annual Report of System Reliability Issues, p. 4 (May 19, 2016) (Appended hereto as Attachment A).

[2] Advice 4970, p. 2 (May 25, 2016) (Appended hereto as Attachment B).

The information regarding SoCalGas' experience with non-physical measures such as baseload contracts to maintain Southern System reliability is information that the Commission should have available as it considers SoCalGas' application for the North-South Project, a project which would have a first year revenue requirement of $133.6 million.[3]

Rule 13.9 of the of the Commission's Rules provides that the Commission may take official notice of "such matters as may be judicially noticed by the courts of the State of California." Section 452 of the California Evidence Code identifies eight types of matters that may be judicially noticed, including "[f]acts and propositions that are not reasonably subject to dispute and are capable of immediate and accurate determination by resort to sources of reasonably indisputable accuracy."[4]

The Report and Advice 4970 meet the standards in section 452(h). The report and the advice letter were prepared by SoCalGas and submitted the Commission and parties in compliance with the SoCalGas tariff and the Commission's orders. The data provided in the report and advice letter are uniquely within the knowledge of SoCalGas, and not reasonably subject to dispute by SoCalGas or other parties.

[3] Exhibit. SCG-8, p.4 (Yee/SoCalGas).

[4] Cal. Evid. Code § 452(h).

Accordingly, SCGC requests that the Commission take official notice of the Report and Advice 4970 to inform and update the record on an issue of critical importance in this proceeding, the efficacy of non-physical measures to maintain Southern System reliability.

Respectfully submitted,

/s/ Norman A. Pedersen

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Los Angeles, California 90071-2916

Attorneys for the **SOUTHERN CALIFORNIA GENERATION COALITION**

Dated: May 26, 2016

ATTACHMENT A

Southern California Gas Company's
Seventh Annual Report of System Reliability

SoCalGas

A Sempra Energy utility

Seventh Annual Report of System Reliability Issues

2016 Customer Forum

May 19, 2016

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

Introduction

SoCalGas presents its Seventh Annual Report of System Reliability Issues (Report). This Report covers the time period from April 1, 2015, through March 31, 2016. Pursuant to Section 21 of Rule No. 41, this Report provides information on the following matters:

A. Review of the timing, method, formulas, and all inputs to formulas by which OFO events are triggered;

B. Review of requests for the Operational Hub to acquire additional supplies to meet minimum flow requirements;

C. Review of Operational Hub purchases/actions to meet minimum flow requirements and plans for the coming year by providing information regarding the individual transactions, including transactions executed pursuant to the Operational Hub contractual arrangements. Transaction-specific information shall identify price, volume, date, delivery/receipt points, and any special terms;

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

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

A. Operational Flow Orders

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

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

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

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

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

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

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

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

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

B. Requests for Additional Supplies to Meet Minimum Flow Requirements

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

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

Details of Operational Hub transactions to meet minimum flow requirements from April 1, 2015 to March 31, 2016 are provided in Attachment 4. These transactions are baseload and spot supply purchases and sales.

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

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

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

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

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

As reported in the Fifth Annual Report the Commission also approved the third Memorandum in Lieu of Contract (Third MILC) between SoCalGas' System Operator and Gas Acquisition for gas supply to support Southern System minimum flow requirements. The Third MILC's evergreen provision is limited to three one year terms ending not later than October 31, 2016. The Third MILC was effective during the Report period.

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

D. Need for Any Additional Minimum Flow Requirements

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

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

Potential Tools

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

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

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

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

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

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

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

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

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

ATTACHMENT B

Southern California Gas Company's
Advice Letter No. 4970

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 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, 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 Resoution 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.

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[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 AL[1]: 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 proposed[1]: 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 Ángeles, 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

(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. T
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)

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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 Effectiveness of Baseload Contracts
	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	14.51	$ 0.75	8.5	3.33	$ 0.39	7.1	1.53	$ 0.22	
Net Benefit/(Loss)		10.57			(0.55)			(0.69)		$ 3.11

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

	2013-14			2014-15			2015-16			3-Year Average of Effectiveness of Baseload Contracts
	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	14.51	$ 0.75	8.5	3.33	$ 0.39	7.1	1.53	$ 0.22	
Net Benefit/(Loss)		10.57			(0.55)			(0.69)		$ 3.11

Southern System Minimum Flow Purchase/Sale

BASELOAD PURCHASES:

Notification Minimum Flow			PURCHASE								SALE						
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	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	Net $ $Purchase minus $Sale
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						
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	Net $ $Purchase minus $Sale
December	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	
2014	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	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	
2015	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	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	
2015	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	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	
2015	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						
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	Net $ $Purchase minus $Sale
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	
	Daily																	
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

Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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	(259,892)	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	(249,441)	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

Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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	(256,954)	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	(116,864)	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

Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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)

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

Net Scheduled from Pipelines (Gross Deliveries - Inkind Fuel)

SSR Baseload Analysis for : 2014-15 Winter Season

Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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

Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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)

	>0		Cuml. Customer Delivery	<0	
Season Total	30,637,467	372,585	Total Below So. Syst. Min :	(8,490,176)	Dth
				81	out of 121 Days Cust Deliveries Under Req.
					without baseload purchases.

	Purchases	Sales	Net Cost
	$ (28,779,164)	$ 25,448,956	$ (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) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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

Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	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
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)
	>0		Cuml. Customer Delivery		<0							Purchases	Sales	Net Cost
YTD Season Total	30,722,310	292,544	Total Below So. Syst. Min :		(7,083,313)	Dth						$ (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

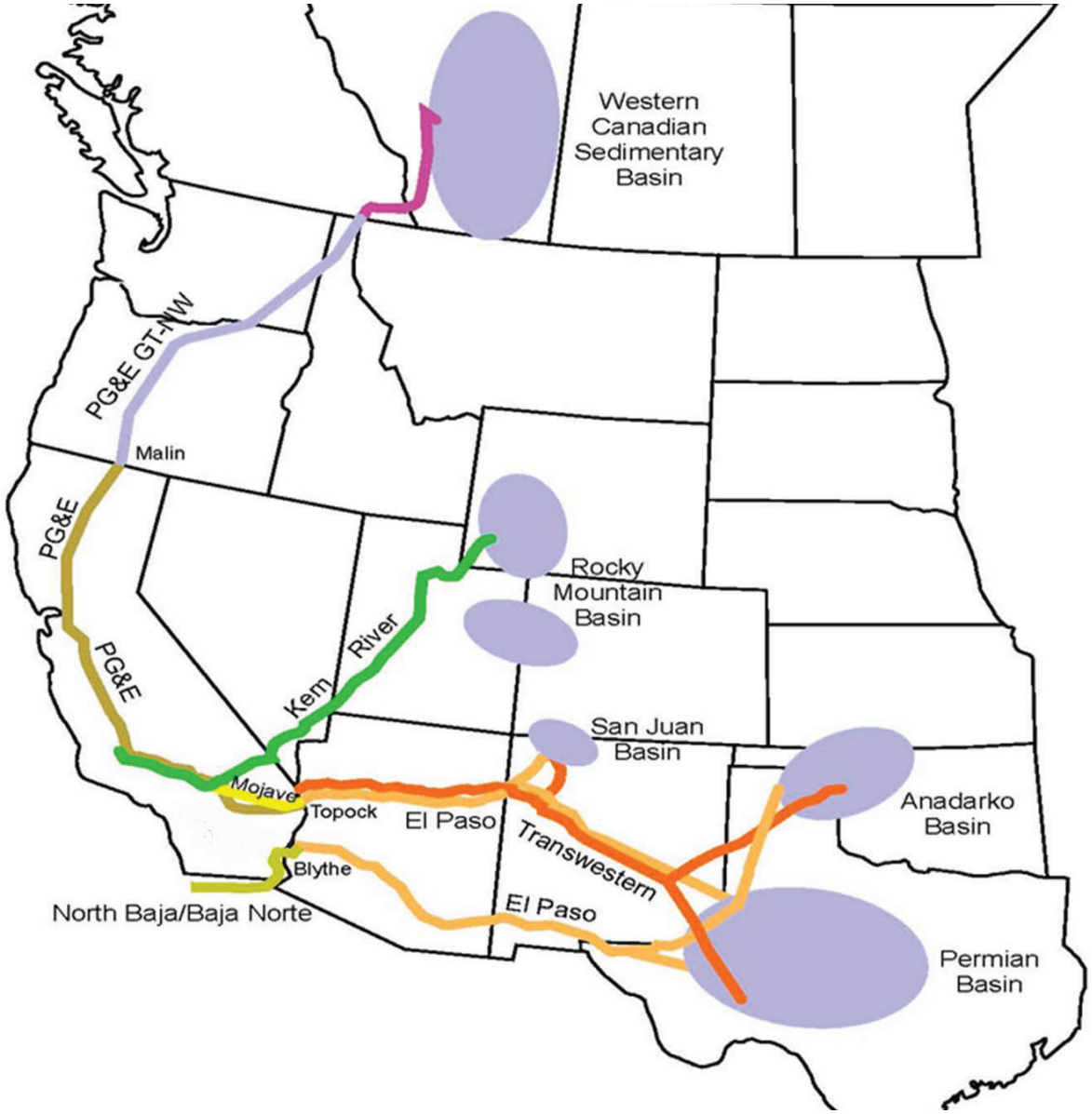
Net Scheduled to Blythe :	(EHR-OTAY-NBP) HUB		(A)	(B) 5th Cycle	(A)-(B)			110.0%			99.5%			
Flow Date	Baseload	Spot	Total Core, Noncore, & Spot Purch (Excluding Baseload)	Southern System Minimum Requirement	Deliveries (Excl Baseload) Over/Under Requirement	Filter	Ehrenberg Index ($)	Ehrenberg Purchase Price (Spot Index X 1.100)	BTS Transport Charge	SCG CityGate Index ($)	City Gate Sales Price (Spot Index X 0.995)	Spot Purchase Cost [Blythe$+BTS X DeliveryReq (w/Fuel)]	Daily Sales Price	Net Spot Cost
					72	out of 122 Days Cust Deliveries Under Req. without baseload purchases.								$ 0.216 $/dth

Sales Differential

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

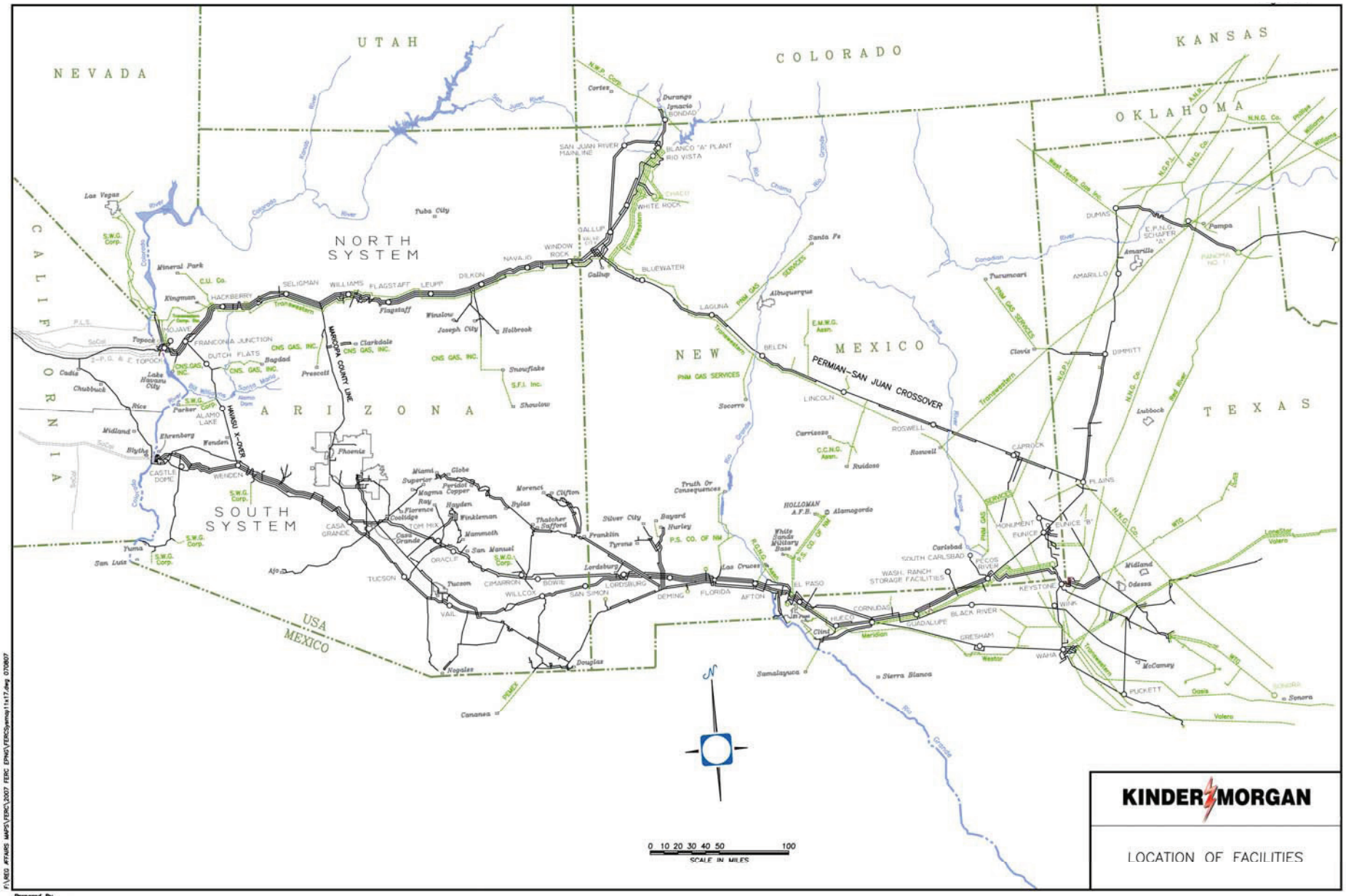
ATTACHMENT B

WESTERN U.S. NATURAL GAS PIPELINES



SoCalGas
A Sempra Energy utility

ATTACHMENT C



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