

Winter Prep Review

Southern Natural Gas Company
December 5, 2018

Opening Remarks

Gina Mabry
Director- Scheduling
Southern Natural Gas

Agenda

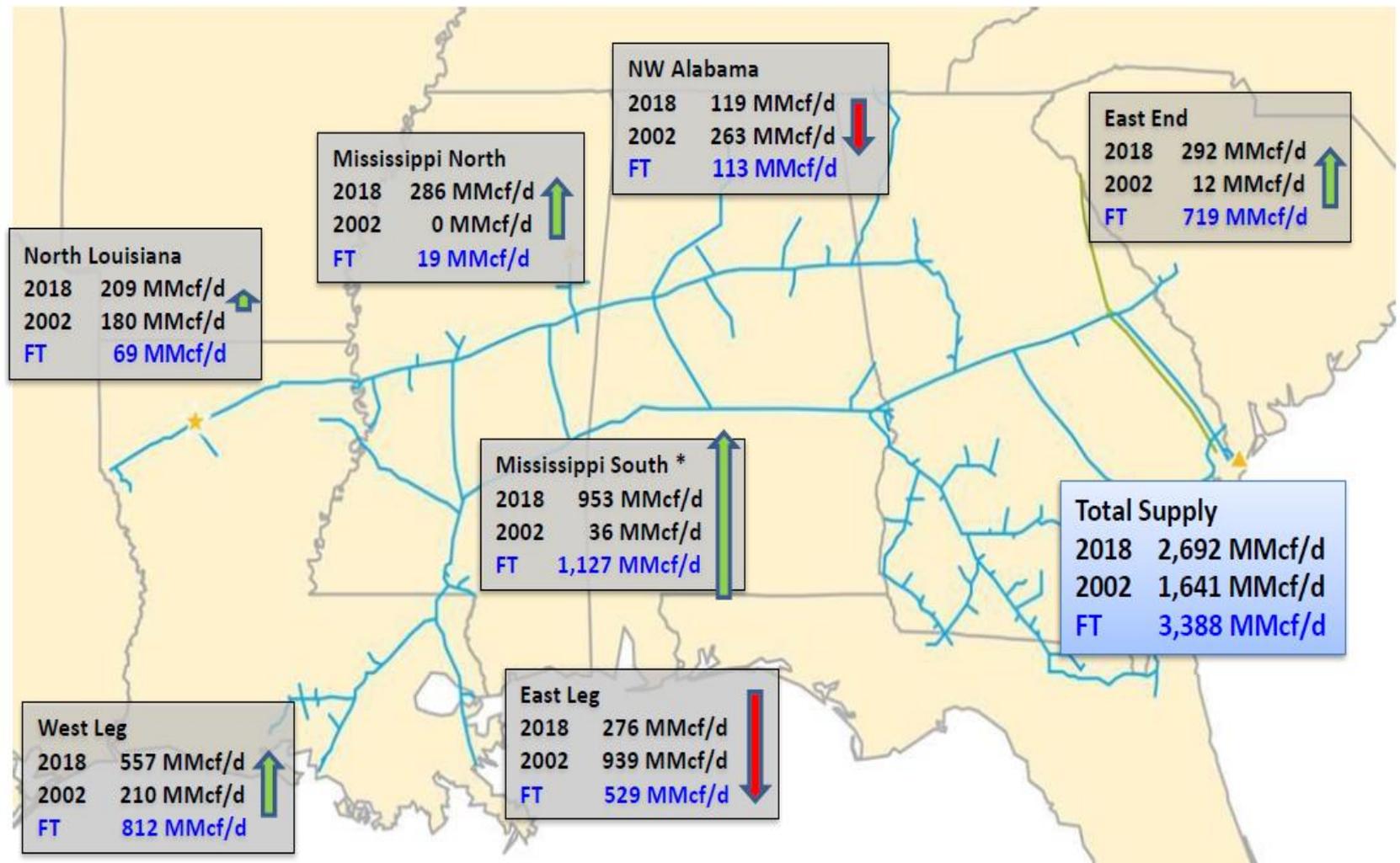
- Operations Review
- Scheduling Tools and Enhancements
 - Pipeline Capacity Scheduling
 - Capacity/End-Point Splits Screen
 - Contract Path Ranking Enhancement
 - Scheduling Cut Queue
 - MDQ Utilization
- Reminders

Operations Review

Reese Hart
Manager- Gas Control
Southern Natural Gas

SNG System Supplies By Major Location

Average Daily Supply for 12 Months Ending June 30, 2018



* FT Includes 275 Mmcf/d of firm storage volumes

Preparing for Winter 2018-19

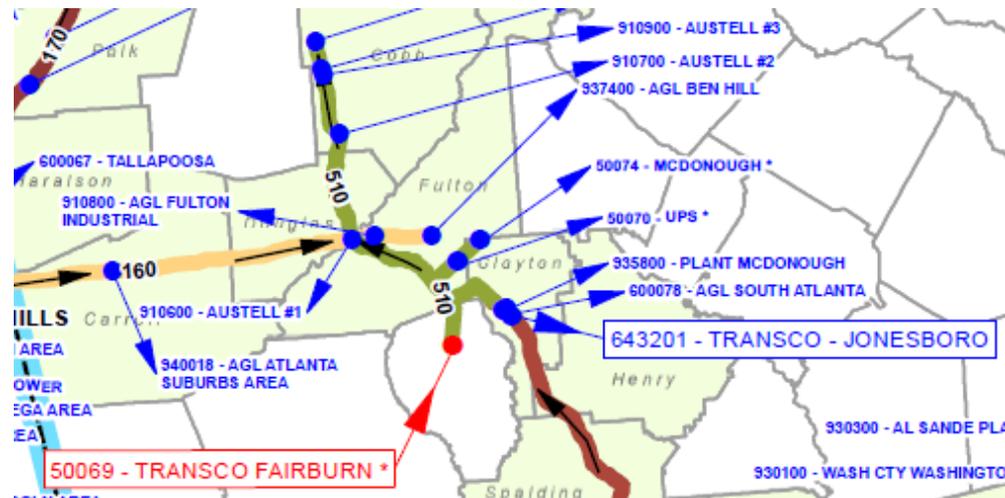
- Planned maintenance projects are complete
 - White Castle Franklinton Loop Line Restored
 - Capacity of 602,000 Dth has increased to 798,000 Dth effective December 1, 2018
 - Outage WebEx will pick back up in February
- Unplanned Maintenance Events
 - Ellerslie #6 unit outage – The unit is being evaluated at this time and repair plan is being put together with return to service TBD
 - Capacity flow through Segment 490 during this outage is 1632 Mdth/d; a 31 Mdth/d reduction to winter capacity
 - South Section 28 Line replacement – Due to an unanticipated replacement of a section of this line, it is expected to be out of service until Oct 2019
 - Monitor EBB for updates

Preparing for Winter 2018-19

Expected Pipeline Flows

- Cold weather is forecasted - should see higher LDC and power loads
- High Point interconnect gas expected to cease due to low supply
- EEC completed its North to South expansion adding 245 MDth of FT in Sept/Nov 2018

- Fairburn Expansion
 - New Transco Interconnect in December 2018
 - Could change system dynamics with additional supplies downstream of historical constraints



Winter Readiness

- Scheduled Maintenance
 - All routine compressor, pipeline and meter station maintenance scheduled to be completed by early December
- Readiness testing on HP has been completed
- CSS Inventory reflects an average range and storage fields are ready for withdrawal
- OFO philosophy will remain consistent with past years
 - Only implement the OFOs needed to protect system integrity
- Field Operations will be on-site at locations along the pipe during significant winter events
- Communication
 - Daily internal coordination concalls
 - Daily EBB Postings with system conditions and forecasts
 - Do not hesitate to call us at 713-420-7300

Reminder: Type 3 OFO Changes

Type 3 OFO Changed Effective 12/1/2018

Level	Notice	Tolerance	Penalty Per Dth Over Tolerance
1	No change – 24 hrs	Greater of 190 500 dth or 5% of Daily Entitlement at delivery point or group of delivery points	\$10 (no change)
2	No change – 20 hrs	Greater of 75 200 dth or 2% of Daily Entitlement at delivery point or group of delivery points	\$15 + Highest Regional Daily Average Price
3	4 hours* or 20 hours	Greater of 75 200 dth or 2% of Daily Entitlement at delivery point or group of delivery points	\$15 \$25 + 2X Highest Regional Average Price

- Highest Regional Daily Average Price = For the applicable flow day, the highest index price published in NGI's Daily Gas Price Index for Southern Natural–South Louisiana, Transco Zone 4, or Transco Zone 5 South, in the AVG column

Scheduling Tools for Winter

Katie Cornutt
Manager of Scheduling
Southern Natural Gas

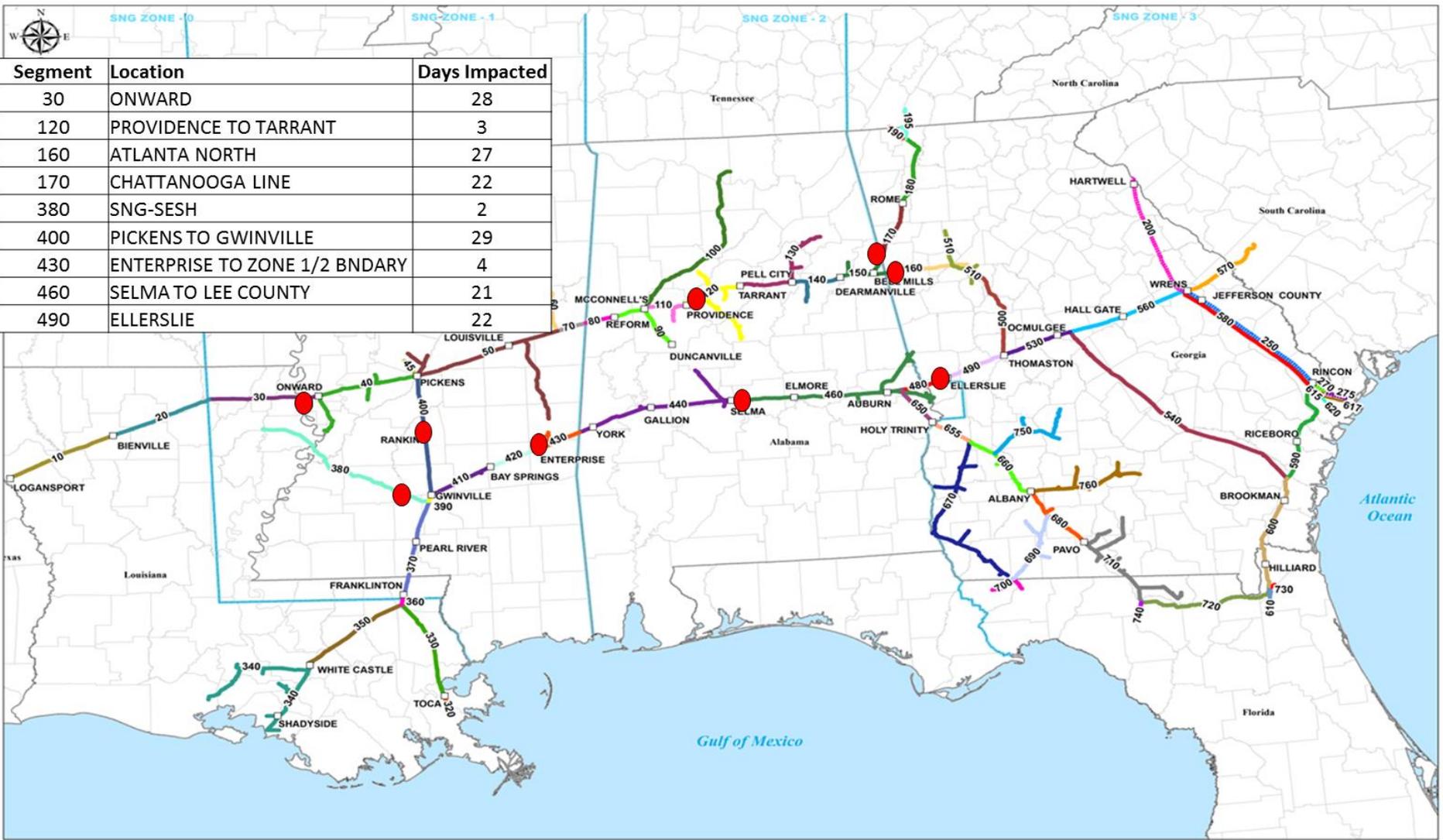
Tracy Minter
Scheduling Representative

Pipeline Capacity Scheduling

- SNG has the ability to evaluate and schedule at any location on the system that exceeds pipeline operating capacity
 - Multiple locations within a segment can be restricted if needed
- Transport scheduling is at:
 - the pipeline segment level for pipeline constraints
 - the point level for meter capacity constraints
- Contract rights determine a shipper's priority of service through the segment and at the point
 - Determination of In-Path locations can be seen in Dart via the Points in the Path Screen
 - Go to the Navigation Panel->Misc->Points in the Path
- The *Capacity/End-Point Splits* screen provides scheduling priorities for submitted nominations at both a Segment and Point level

SNG Winter Segment Constraints

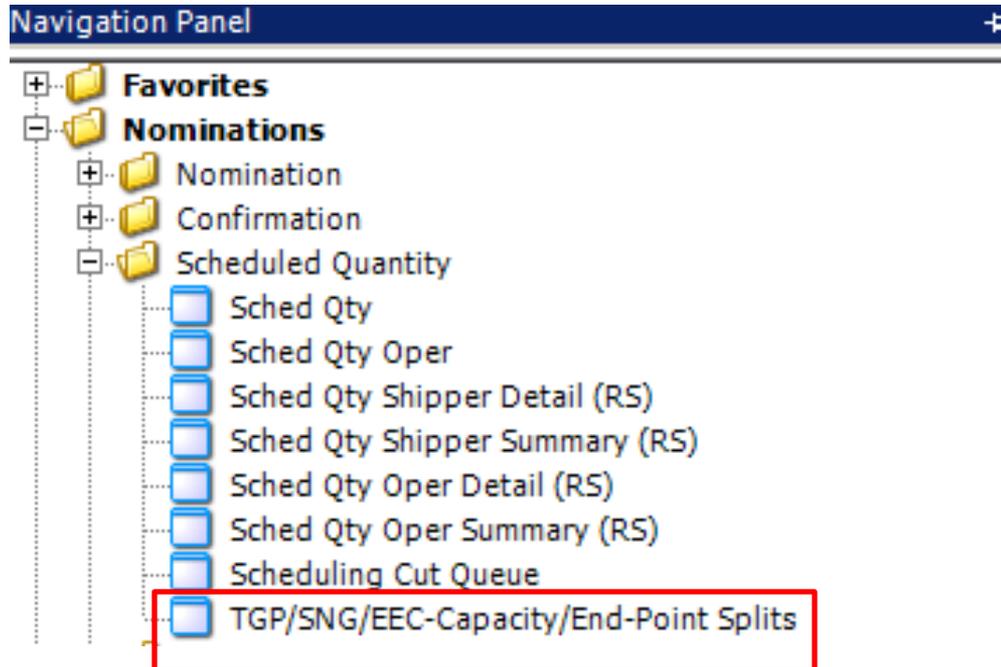
(November-March)



Capacity/End-Point Splits Screen

- The *Capacity/End-Point Splits* screen provides scheduling priorities for submitted nominations at both a Segment and Point level.
 - Contractual rights are displayed at the Master level in the Contracts screens
- The scheduling engine jobs only run for today's and tomorrow's cycles unless it's the weekend, then three days can be seen.
- Enhanced the Loc Lookup to accommodate segments with multiple restriction locations.
- Enhanced the screen in Winter 2018 by adding a right click feature developed to go straight to the *Contract Path Ranking* screen allowing edits to ranks more efficiently.

TGP/SNG/EEC- Capacity/End-Point Splits Screen



Loc/Segment: Lookup Option

NetVolumes LTQA (SOLLTQA)

File View Help Window

Navigation: <Select a navigable window> Actions: <Select an action item>

Point Anal Tran **TGP**

Pipeline: 3705 - SOUTHERN NATURAL GAS CO.

Capacity/End-Point Split

Svc Req: 19129 Flow Date: 10/30/2018 Pnt/Seg: Segment Loc/Segment: Retrieve Print Save As

Svc Req Name: Loc/Seg Name:

Cycle: INTRADAY 3 R/D Point: Direction: Forward Volume Ind: Nominated Expand All Contracts

Summary

Prev Schd: PS P: **Location Lookup**
 Curr PS: PS IP:

Change PS:

NOTE: Scheduled Quantities are subject to change until the

Location Lookup

Filter Criteria Selection

No Filter Id Name Contains Name Starts With DRN Segment Zone Lgcy ID Lgcy Name Contains

Point Catalog No All Filter criteria: Zone: ALL Lgcy Sys ID: UQ - UNIQUE ID Filter

Segment	Loc Name (Segment)	Rcpt Zone	Dlvy Zone
10	LOGANSPORT TO BIENVILLE	00	00
20	BIENVILLE TO ZONE 0/1 BNDARY	00	00
30	ZONE 0/1 BOUNDARY TO ONWARD	01	01
40	ONWARD TO PICKENS	01	01
50	PICKENS TO MULDON	01	01
60	MULDON LINE	01	01
70	MULDON TO ZONE 1/2 BOUNDARY	01	01
80	ZONE 1/2 BOUNDARY TO REFORM	02	02
90	REFORM TO MCCONNELLS	02	02
90	DUNCANVILLE LATERAL	02	02
100	HUNTSVILLE LINE	02	02
110	MCCONNELLS TO PROVIDENCE	02	02
120	PROVIDENCE TO TARRANT	02	02
130	TARRANT TO PELL CITY	02	02
140	PELL CITY TO DEARMANVILLE	02	02

Total rows: 77

Ok Cancel

WSVL0760

Loc/Segment: Lookup Option

Pipeline: 3705 - SOUTHERN NATURAL GAS CO.

Capacity/End-Point Split

Svc Req: 19129 Flow Date: 10/30/2018 Pnt/Seg: Segment Loc/Segment: Retrieve Print Save As

Svc Req Name: Loc/Seg Name:

Cycle: INTRADAY 3 R/D Point: Direction: Forward Volume Ind: Nominated Expand All Contracts

Summary
 Prev Schd:
 Curr PS:
 Change PS:
 NOTE: Scheduled Quantities are subject

Location Lookup

Filter Criteria Selection

No Filter
 Id
 Name Contains
 Name Starts With
 DRN
 Segment
 Zone
 Lgcy ID
 Lgcy Name Contains

Point Catalog

Yes
 No
 All

Filter criteria: 90 Zone: ALL Lgcy Sys ID: UQ - UNIQUE ID Filter

Location List

Segment	Loc Name (Segment)	Rcpt Zone	Dlvy Zone
90	REFORM TO MCCONNELLS	02	02
90	DUNCANVILLE LATERAL	02	02

Total rows: 2 Ok Cancel

Capacity/End-Point Splits

- Expand the contract and highlight the path you wish to change.

Capacity/End-Point Split

Svc Req: [] Flow Date: 10/30/2018 Pnt/Seg: Segment Loc/Segment: 480 [Retrieve] [Print] [Save As]

Svc Req Name: [] Loc/Seg Name: []

Cycle: INTRADAY 2 R/D Point: [] Direction: Forward Volume Ind: Nominated Expand All Contracts

Summary

Prev Schd: 0	PS P: 0	PS OP: 0	Curr P: 0	Curr OP: 0
Curr PS: 0	PS IP: 0	PS SA: 0	Curr IP: 0	Curr SA: 0
Change PS: 0	PS Other: 0			Curr Other: 12820
				Total: 12820

NOTE: Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each cycle.

Contract ID	Contract Total	Prev Schd	Curr PS	Change PS	Curr P	Curr IP	Curr OP	Curr Other	PS P	PS IP	PS OP	PS Other
[]	12820	0	0	0	0	0	0	12820	0	0	0	0
Svc Type	Vol Type	Rcpt Pt/S	Rcpt Rank	Dlvy Pt/Se	Dlvy Rank	Path Rank	Prev Schd	Curr PS	Change PS	Curr P	Curr IP	Curr OP
[] IT	Transport (Curren	611001/(360)	500	783600/(570)	500	5	0	0	0	0	0	0
▶ IT	Transport (Curr	611001/(36	1	783600/(57	500	999	0	0	0	0	0	0
TOTAL												

WSVL0760 #37 - Previously Scheduled (PS) quantities for selected cycle are subject to change until prev

Capacity/End-Point Splits

- Right click on the path and select contract path ranking

Capacity/End-Point Split

Svc Req: [] Flow Date: 10/30/2018 Pnt/Seg: Segment Loc/Segment: 480 Retrieve Print Save As

Svc Req Name: [] Loc/Seg Name: []

Cycle: INTRADAY 2 R/D Point: [] Direction: Forward Volume Ind: Nominated Expand All Contracts

Summary

Prev Schd: 0	PS P: 0	PS OP: 0	Curr P: 0	Curr OP: 0
Curr PS: 0	PS IP: 0	PS SA: 0	Curr IP: 0	Curr SA: 0
-----			Curr Other: 12820	
Change PS: 0				Total: 12820

NOTE: Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each cycle.

Contract ID	Contract Total	Prev Schd	Curr PS	Change PS	Curr P	Curr IP	Curr OP	Curr Other	PS P	PS IP	PS OP	PS Other
[]	12820	0	0	0	0	0	0	12820	0	0	0	0
Svc Type	Vol Type	Rcpt Pt/S	Rcpt Rank	Dlvy Pt/Se	Dlvy Rank	Path Rank	Prev Schd	Curr PS	Change PS	Curr P	Curr IP	Curr OP
IT	Transport (Curren	611001/(360)	500	783600/(570)	500	5	0	0	0	0	0	0
				783600/(57	500	999	0	0	0	0	0	0

- Add item
- Change item
- Delete item
- Inquire on item
- Delete Attribute
- WNL7000 - Contract Path Ranking**
- WSVL0760 - TGP/SNG/EEC-Capacity/End-Point Splits
- Print
- Save As
- Add to Favorites
- Remove from Favorites

WSVL0760 #37 - Previously Scheduled (PS) quantities for selected cycle are subject to change until prev

Capacity/End-Point Splits

NetVolumes STQA (SQLSTQA)

File View Window Help

Navigation: <No navigable windows available> Actions: <Select an action item>

TGP/SNG/ Contract P Contract P **Contract**

Pipeline: 3705 - SOUTHERN NATURAL GAS CO. Company: N

NAESB Contract Path Ranking List

Submit Selected Contract Submit All Contracts Save As Print Retrieve Clear

TSP Prop: 3705 TSP Name: SOUTHERN NATURAL GAS CO. TSP: 6900518
 Svc Req Prop: Svc Req Name: Svc Req:

Statement Date/Time: 10/30/2018 1:20:09 PM
 Beg Date: 10/30/2018
 Cycle: INTRADAY 2 Expand All Show Zeros

Svc Req K	Svc Type	New Path	MDQ	Rank Beg Dat	Rank End Dat	Last Modified By
0				10/30/2018	10/30/2018	IVY, ADAM Oct 30 2018 1:15PM

TT	Vol Typ	Rec L Prop	Rec Loc Name	Rec Loc	Rec Zon	Del Lo Prop	Del Loc Name	Del Loc	Del Zone	Recei Dth	Fuel Dth	Deliv Dth	Pk Id	Path Ran	New Path	Route
1	TRANSPORT	611001	SOUTH LA ZONE 0 PO	611001	Zn 0	783600	DCGT/SNG AIKEN	783600	Zn 3	1000	14	986	DNS-	1		DEFAULT
1	TRANSPORT	611001	SOUTH LA ZONE 0 PO	611001	Zn 0	783600	DCGT/SNG AIKEN	783600	Zn 3	12000	166	11834		5		DEFAULT
Total:										13,000	180	12,820				

* Due to segmentation the totals displayed may not reflect the actual contract utilization

WNVL7000

Capacity/End-Point Splits

- Once rankings have been submitted you will see a green check

NAESB Contract Path Ranking List																
TSP Prop: 3705 TSP Name: SOUTHERN NATURAL GAS CO. TSP: 6900518 Svc Req Prop: Svc Req Name: Svc Req:																
Statement Date/Time: 10/30/2018 1:20:09 PM																
Beg Date: 10/30/2018 Cycle: INTRADAY 2 <input type="checkbox"/> Expand All <input checked="" type="checkbox"/> Show Zeros																
Svc Req K	Svc Type	New Path	MDQ	Rank Beg Dat	Rank End Dat	Last Modified By										
0				10/30/2018	10/30/2018	IVY, ADAM Oct 30 2018 1:15PM										
TT	Vol Typ	Rec L Prop	Rec Loc Name	Rec Loc	Rec Zon	Del Lo Prop	Del Loc Name	Del Loc	Del Zone	Recei Dth	Fuel Dth	Deliv Dth	Pk Id	Path Ran	New Path	Route
1	TRANSPORT	611001	SOUTH LA ZONE 0 PO	611001	Zn 0	783600	DCGT/SNG AIKEN	783600	Zn 3	1000	14	986	DNS	1		DEFAULT
1	TRANSPORT	611001	SOUTH LA ZONE 0 PO	611001	Zn 0	783600	DCGT/SNG AIKEN	783600	Zn 3	12000	166	11834		5		DEFAULT
Total:										13,000	180	12,820				

* Due to segmentation the totals displayed may not reflect the actual contract utilization

WNVL7000

Contract Path Ranking

NetVolumes LTQA (SQLLTQA)

File View Help Window

Navigation: <Select a navigable window> Actions: <Select an action item>

Path SNG/ Point Anal Sche Unba Co - Focal Co - Nomi Focal **Batc**

Pipeline: 3705 - SOUTHERN NATURAL GAS CO.

Batch Detail

TSP Prop: 3705 TSP Name: SOUTHERN NATURAL GAS CO. TSP: 6900518
 Svc Req Prop: 3705 Svc Req Name: SOUTHERN NATURAL GAS CO. Svc Req: 6900518

Report Date/Time: 11/5/2018 2:27:27 PM Beg Date: 11/6/2018 9:00AM End Date: 11/6/2018 9:00AM
 Batch Id: 357119146 Cycle: EVENING Status: Draft

Ranking Show Zeros Route

Batch Locations **Contract Path** Supply Market

Expand All

MDQ	Nominated	Overrun
1	986	

		Rec Loc Name	Loc (Segm)	Dn Rank/Re Rank	Rec Zone	Del Lo		Del Loc Name	Del Lo (Sege)	Up Rank/Del Rank	Del Zone	Receipt Dth	Fuel %	Fuel Dth	Delivery Dth	Pkg ID	Path Rank	Route
10	GO	SESH/SNG JEFFERSON DA	390	500	Zn 1	606400	GO	EGT/SNG SESH RICHLAND	380	500	Zn 1	0	0.0139	0	0		500	DEFAULT
10	GO	SESH/SNG JEFFERSON DA	390	500	Zn 1	606500	GO	GULFSTH/SNG SESH RICHL	380	500	Zn 1	0	0.0139	0	0		500	DEFAULT
10	GO	SESH/SNG JEFFERSON DA	390	500	Zn 1	606700	GO	ETC TIG/SNG SESH RICHLA	380	500	Zn 1	0	0.0139	0	0		500	DEFAULT
10	GO	SESH/SNG JEFFERSON DA	390	500	Zn 1	606700	GO	ETC TIG/SNG SESH RICHLA	380	500	Zn 1	1,000	0.0139	14	986		500	DEFAULT
												1,000	14	986				

WNVL1010 Row count: 4

2:28 PM 11/5/2018

Scheduling Cut Queue



- From this screen shippers can review any scheduling cuts by the TSP

Scheduling Cut Queue

Scheduling Cut

TSP Prop: 3705 TSP Name: SOUTHERN NATURAL GAS CO. TSP: 6900518
 Svc Req Prop: 65000 Svc Req Name: TRNG-LOCUST POWER CO. Svc Req:

Flow Date: Thru: Scheduling variance
 Cycle:

- Enter *Flow Date* and *Cycle*, then click *Retrieve*

Sched Qty [SNG]; 09/15/2015 11:59:21

Scheduling Cut

TSP Prop: 3705 TSP Name: SOUTHERN NATURAL GAS CO. TSP: 6900518
 Svc Req Prop: 65000 Svc Req Name: TRNG-LOCUST POWER CO. Svc Req:

Flow Date: Thru: Scheduling variance
 Cycle:

Flow Date	Cycle	Cust Id	Contract Nbr	Customer	Type	Seg\Point Leg	Variance	Directio	Cut Amount
09/16/2015	TIME	65000	460016-IT	TRNG-LOCUST POWER CO.	SEGMENT	460	N	F	-610

- Double click on record for detail

Scheduling Cut Queue Detail

Rec Loc Prop Name	Rec Loc Prop	Del Loc Prop Name	Del Loc Prop	Nom Rank	Schd Priority	Current Qty	P/L Schedule	Variance	Reason	Cut Flag	Comment	PKG ID	Agent ID
COL GULF/SNG SHADYSIDE	605500/(340)	SOUTH LA ZONE 0 POOL	611001/(360)	2	Out Of Path	30,494	21,274	-9,220	CCR Pipeline	Y			3683
COL GULF/SNG SHADYSIDE	605500/(340)	SOUTH LA ZONE 0 POOL	611001/(360)	2	PS Out Of Path	44,141	44,141	0		Y			3683
		Unutilized	Capacity			0	0	0					

Grand Summaries

- This screen displays details of the pipeline restrictions
 - Reason code, description and scheduling priority through the segment will be displayed
 - Rankings apply within each priority band
 - Incremental vs Previously Scheduled (PS)
 - Please see the Appendix at the end of the presentation for the Transportation Queue by cycle charts

MDQ Utilization Screen Features

- Displays and compares contract zone MDQs to nominated/scheduled volumes
- Displays current nom/scheduled zone capacity
- Displays Overrun and helps determine underutilized capacity
- Displays option for draft or hold status nominations to be included in volumes-if batch is in error status, change back to draft

MDQ Utilization Screen

MDQ Utilization

Pipeline: 3705 - SOUTHERN NATURAL GAS CO. Company: SOUTHERN NATURAL GAS CO. Duns: 6900518

Company: 3705 SOUTHERN NATURAL GAS CO.

Flow Date: 11/30/2017 Cycle: INTRADAY 1

Include Nom in Draft and Hold Status:

The Overrun Analysis process on this and subsequent pages is provided as a matter of customer service. Shipper's use of this information will not affect any of a shipper's rights or obligations under any of contractual agreement or under any provisions of the pipeline's FERC Gas Tariff. If the "Include Nom in Draft and Hold Status" option is selected, the last "draft" and "hold" batch of unsubmitted nominations for this gas day will also be included in the analysis. The results of this analysis for segmented capacity release contracts and associated replacement contracts are subject to change if subsequent nominations are submitted by other shippers nominating under contracts which are related to the releasing contract.

-Select Nominations/MDQ Utilization
-MDQ Utilization/Overrun

Data may be retrieved to include nominations in draft and hold status

MDQ Utilization Screens

MDQ Utilization

Pipeline: 3705 - SOUTHERN NATURAL GAS CO. Company

Company:

Flow Date: Cycle:

Include Nom in Draft and Hold Status:

[Contract MDQ Seg Usage](#) [Contract Zone Summary](#)

The Overrun Analysis process on this and subsequent pages is provided as a matter of customer service. Shipper's use of this information will not affect any of a shipper's rights or obligations under any of contractual agreement or under any provisions of the pipeline's FERC Gas Tariff. If the "Include Nom in Draft and Hold Status" option is selected, the last "draft" and "hold" batch of unsubmitted nominations for this gas day will also be included in the analysis. The results of this analysis for segmented capacity release contracts and associated replacement contracts are subject to change if subsequent nominations are submitted by other shippers nominating under contracts which are related to the releasing contract.

For further clarification on this analysis, please contact your Account Director

CTRCTID	Service	MDQ (DTH)	Nominated (DTH)	Scheduled (DTH)	MDQ-Nominated Difference* (DTH)	Overrun	Nominated Overrun(DTH)
-MFTSNG	MFT	106,700	0	0	106,700		
-MFTSNG	MFT	224,649	287,691	287,691	(63,042)	Yes	100000
-MFTSNG	MFT	10,595	0	0	10,595		

- K#1234 shows (63,042) dth over MDQ and would fail nomination validation if submitted
- Select the contract and click Contract Zone Summary for more detail

MDQ Utilization Screens – Contract Zone Summary

Contract Zone Detail

Report Date: 11/29/2017 3:00:31 PM

TFO Svc Type:

Flow Date: 11/29/2017

Nominated quantity over zone limit

Nominated AO with Trans Type 02

Receipt Zone	Nominated Zone Usage	Scheduled Zone Usage	Zone Rights	Zone Overrun	Nominated Overrun(DTH)
Zone 0	39,000	39,000	224,649	0	
Zone 1	279,596	279,596	224,649	54,947	100,000
Zone 2	279,596	279,596	224,649	54,947	100,000
Zone 3	287,691	287,691	224,649	63,042	100,000

- Zone Summary will show all Nom/Sched volumes by zone
- To view route detail...select 'Contract Zone Detail'

Contract Zone Detail

Contract MDQ Utilization **Contract Zone Summary** Close

SAP CRYSTAL REPORTS®

Main Report

TSP : 3705 SOUTHERN NATURAL GAS CO.
 SVC REQ : 61400 TRNG-SUGAR MAPLE GAS
 Zone ID : 00 Name : Zone 0
 Contract ID : 470618 Type : TFO Svc : MFT Flow Date : 11/07/2018
 PIN of Highest Usage : 605500 COL GULF/SNG SHADYSIDE ST MARY

ZONE USAGE AND OVERRUN DETAIL

Receipt Location		Delivery Location				Path Volumes						
Loc #	Description	Rec Zone	Rcpt Flow Type	Route	Loc#	Description	Del Zone	Divy Flow Type	Receipt Dth	Adjustment Fuel	Delivery Dth	NetPoint Dth
605500	COLGULF/SNG SHADYSIDE ST MARY	Zn0	RECEIPT	DEFAULT	611001	SOUTHLAZONE0 POOL	Zn0	POOLING	5,000	0	5,000	5,000
611001	SOUTHLAZONE0 POOL	Zn0	POOLING	DEFAULT	651400	GULFSTH/SNGKOSCIUSKO ATTALA	Zn1	DELIVERY	4,911	0	4,911	4,911
Total :									9,911	0	9,911	9,911

ZONE RIGHTS

Type of Receipt Zone Rights	Zone Rights Dth / Day
Total Zone Rights :	5,000
Shipper Overrun :	0
Fmly Of Contracts Overrun :	0
Total Zone Nominated Overrun :	9,911

This report will show you the usage by zone that the path goes through, click Contract Zone Summary to go back

MDQ Utilization Screens – Contract Zone Summary

MDQ Utilizati

Pipeline: 3705 - SOUTHERN NATURAL GAS CO. Company: [Redacted]

Company: [Redacted]

Flow Date: 11/29/2017 Cycle: Best Available

Include Nom in Draft and Hold Status

[Contract MDQ Seg Usage](#) [Contract Zone](#)

The Overrun Analysis process on this and subsequent pages is provided as a matter of customer service. Shipper's use of this information will not affect any of a shipper's rights or obligations under any of contractual agreement or under any provisions of the pipeline's FERC Gas Tariff. If the "Include Nom in Draft and Hold Status" option is selected, the last "draft" and "hold" batch of unsubmitted nominations for this gas day will also be included in the analysis. The results of this analysis for segmented capacity release contracts and associated replacement contracts are subject to change if subsequent nominations are submitted by other shippers nominating under contracts which are related to the releasing contract.

For further clarification on this analysis, please contact your Account Director

CTRCTID	Service	MDQ (DTH)	Nominated (DTH)	Scheduled (DTH)	MDQ-Nominated Difference* (DTH)	Overrun	Nominated Overrun(DTH)
-MFTSNG	MFT	106,700	0	0	106,700		
-MFTSN	MFT	224,649	287,691	287,691	(63,042)	Yes	100000
-MFTSNG	MFT	10,595	0	0	10,595		



- Select contract and click Contract MDQ Seg Usage

MDQ Utilization Screens – Segment Usage

Segment View - Default

Flow Date: 11/29/2017

Zone View **Segment View**

Seg	Seg Name	Nominated Seg Usage	Scheduled Seg Usage	Seg Overrun	Nominated Seg Overrun
650	LEE COUNTY TO ZONE 2/3 BNDARY	287,691	287,691	63,042	100,000
653	CAP REL ZONE 2 TO 3 SGA BNDRY	287,691	287,691	63,042	100,000
655	ZONE 2/3 BOUNDARY TO ARMENA	287,691	287,691	63,042	100,000
660	ARMENA TO ALBANY	287,691	287,691	63,042	100,000

Zone View

Flow Date: 11/29/2017

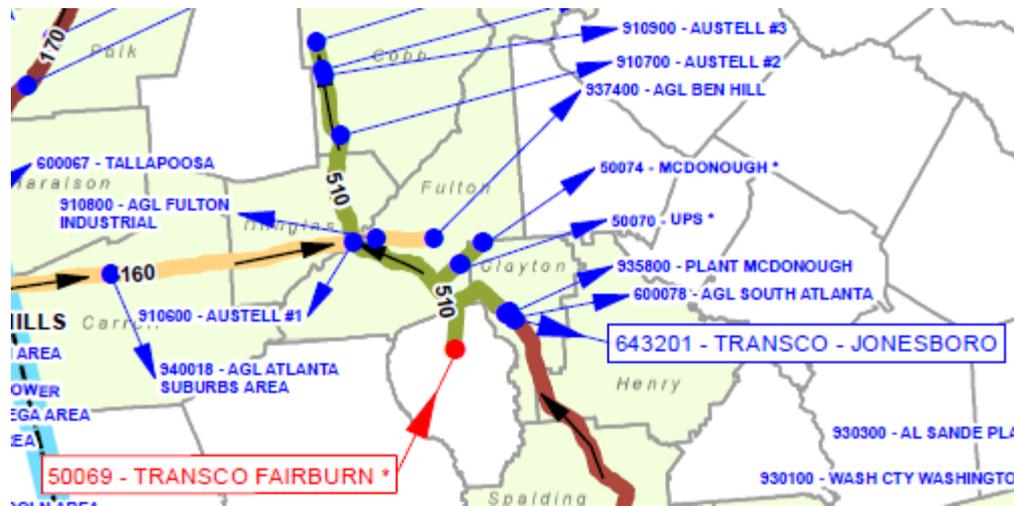
Zone View Segment View

Receipt Zone	Nominated Zone Usage	Scheduled Zone Usage	Zone Rights	Zone Overrun	Nominated Overrun(DTH)
▶ Zone 0	39,000	39,000	224,649	0	
Zone 1	279,596	279,596	224,649	54,947	100,000
Zone 2	279,596	279,596	224,649	54,947	100,000
Zone 3	287,691	287,691	224,649	63,042	100,000

Business Updates & Reminders

SNG Pathing for Fairburn

- Transco Fairburn Pin 50069 is the only receipt pin on the Fairburn Lateral and will primarily flow south
 - Default Route is from Seg 510 to the South Mainline and then east or west (and up Seg 400 to the North Mainline)
- An exception route for a limited quantity has also been set up to allow nominations from the Transco-Fairburn interconnect from Seg 510 to the North Mainline via Seg 160 and ending at Seg 80



SNG Retro Nom Policy

- SNG has established procedures and guidelines to ensure a non-discriminatory policy
- Not acceptable reasons for retros:
 - Change of scheduled volumes cannot create/remove a potential penalty charge in an area under an OFO
 - Reallocation of supply and/or market after gas day is complete
 - These should be requested as out of cycle nominations
 - Increase in nominations through a restricted area
 - Requests that would put any party or meter further out of balance with the pipeline
- Procedure:
 - Email SNG Scheduling Rep within 7 days of the impacted gas day
 - Email should include the reason for the change and include all relevant information (Date, GID, PIN)
 - The email should also include all counterparty approvals.

SNG Out of Cycle Nomination Policy

- Request must be made and approved prior to 9:00 am and should be made as soon as the need for a change is recognized. The request must be in good faith effort to true up before the gas day ends. Changes to ID3 on an OFO day will be evaluated against system constraints.
- Shipper sends out of cycle request to the following :
 - I. SNGSchedulers@KinderMorgan.com
 - II. Maurice_HartIII@KinderMorgan.com; Gas Control Manager and Katlynn_Cornutt@Kindermorgan.com ; Scheduling Manager
 - III. Shipper must also copy all impacted parties for their approval.
- Once all impacted parties have agreed to the Out-of-Cycle Nomination and once approvals are received SNG will approve or deny the request via email. If approved, SNG will coordinate with shipper to enter the retro batch via DART with only the impacted pins.

SNG Scheduling Contacts

	Phone	Email	Ice Chat Handle
Gina Mabry, Director Transportation and Storage Services	(713) 420- 3685	gina_mabry@kindermorgan.com	
Katie Cornutt, DSR Manager	(713) 420-5648	katlynn_cornutt@kindermorgan.com	
Cathy Soape, WEAR Manager	(713) 420-3814	cathy_soape@kindermorgan.com	
Walker Agnew	(713) 420-6059	walker_agnew@kindermorgan.com	Wagnew
Krysta Henry	(713) 420-3023	krysta_henry@kindermorgan.com	Khenry4
Adam Ivy	(713) 369-8922	adam_ivy@kindermorgan.com	Alvy
Tracy Minter	(713) 420-7030	tracy_minter@kindermorgan.com	Tminter
Carol Whatley	(713) 420-3889	carol_m_whatley@kindermorgan.com	CWhatley
SNG Hotline/After Hours Hotline	(713) 420- 7213	SNGSchedulers@kindermorgan.com	

SNG Contracts Contacts

Contract Administration Contacts:		
Sherry Noack, Manager	(713) 420-3764	sherry_noack@kindermorgan.com
Shari Jones	(713) 420-3710	shari_jones@kindermorgan.com
Marquette Williams	(713) 369-9336	marquette_williams@kindermorgan.com
Natarsua Player	(713) 369-9871	natarsua_player@kindermorgan.com
Dayna Owens	(713)420-5952	dayna_owens@kindermorgan.com
Lindsay Sanford	(713)420-2382	lindsay_sanford@kindermorgan.com
SNG Contract Administration Hotline	(713) 420-4455	

SNG Commercial Contacts

Commercial Contacts:		
Janice Parker, V.P.	(205) 325-3509	Janice_parker@kindermorgan.com
Darryl Outlaw, Account Director	(205) 325-7421	Darryl_outlaw@kindermorgan.com
Walter Coe, Sr. Account Manager	(205) 325-3708	Walter_coejr@kindermorgan.com
Lisa Guthrie, Sr. Account Manager	(205) 325-3816	Lisa_guthrie@kindermorgan.com
Jerry Nelson, Sr. Account Manager	(205) 325-7257	Jerry_nelson@kindermorgan.com
Mark Wilson, Commercial Manager	(713) 420-7205	Mark_Wilson@kindermorgan.com
On call Account Manager	(800) 315-0575	

SNG Gas Control Contacts

Gas Control Contacts:		
Maurice (Reese) Hart III, Manager	(713) 420- 4774	maurice_hartIII@kindermorgan.com
Kal Dankovich, Outage Coordinator	(713) 420-7522	kalman_dankovich@kindermorgan.com
Jimmy Reese, Lead Controller	(713) 420-7310	jimmy_reese@kindermorgan.com
Daniel Mitchell, Lead Controller	(713) 420-5874	daniel_mitchell@kindermorgan.com

Questions?

Thank you for your business!

Appendix

Transportation Queue on Timely, Evening, ID1 & ID2

Scheduling Queue Position	Allocation Method
Primary in Path (PIP)	Prorata/Entitlement
In Path (IP)	Prorata/Entitlement
Out of Path (OP) Previously Scheduled	Prorata
Out of Path (OP) Incremental	Prorata
Downstream Delivery Service (DDS) Previously Scheduled	Prorata
Downstream Delivery Service (DDS) Incremental	Prorata
IT & AO Previously Scheduled	By Rate, Then Prorata
IT & AO Incremental	By Rate, Then Prorata

Transportation Queue on ID3

Scheduling Queue Position	Allocation Method
Primary in Path (PIP) Previously Scheduled	Prorata/Entitlement
In Path (IP) Previously Scheduled	Prorata/Entitlement
Out of Path (OP) Previously Scheduled	Prorata
Downstream Delivery Service (DDS) Previously Scheduled	Prorata
IT & AO Previously Scheduled	By Rate, Then Prorata
Primary in Path (PIP) Incremental	Prorata/Entitlement
In Path (IP) Incremental	Prorata
Out of Path (OP) Incremental	Prorata
Downstream Delivery Service (DDS) Incremental	Prorata
IT & AO Incremental	By Rate, Then Prorata