



Scheduling Forum

Kenny Taylor
Manager Transportation Scheduling

September 21, 2010



Delivering Value

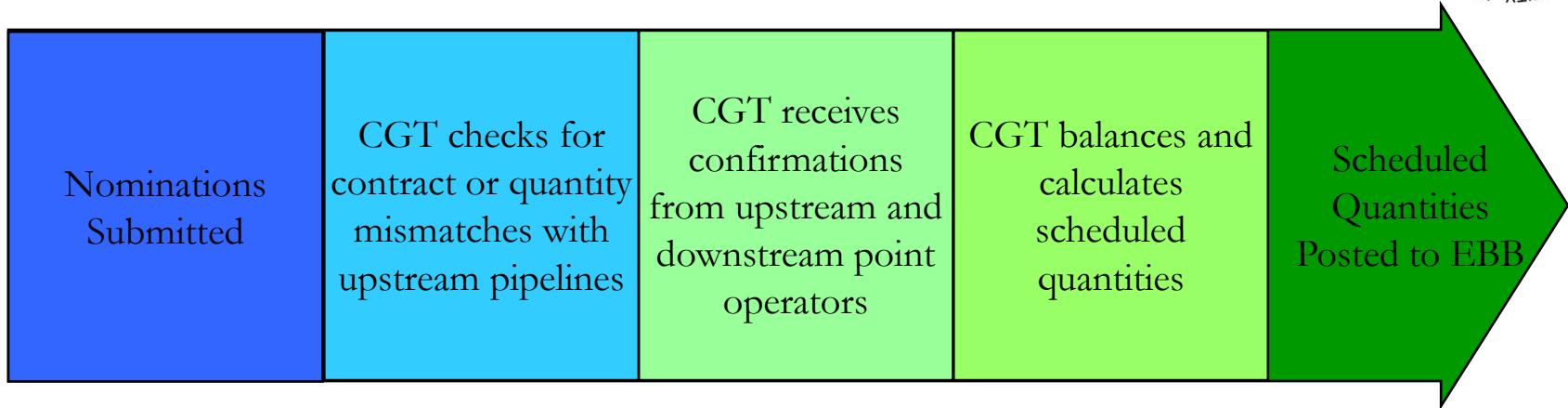


Purpose of this Forum



- Focused discussion around the process of reporting scheduled volumes.
- Extract key customer feedback on what works well and what can be improved
- Strive to understand and meet your needs for this time sensitive process

Scheduling Process

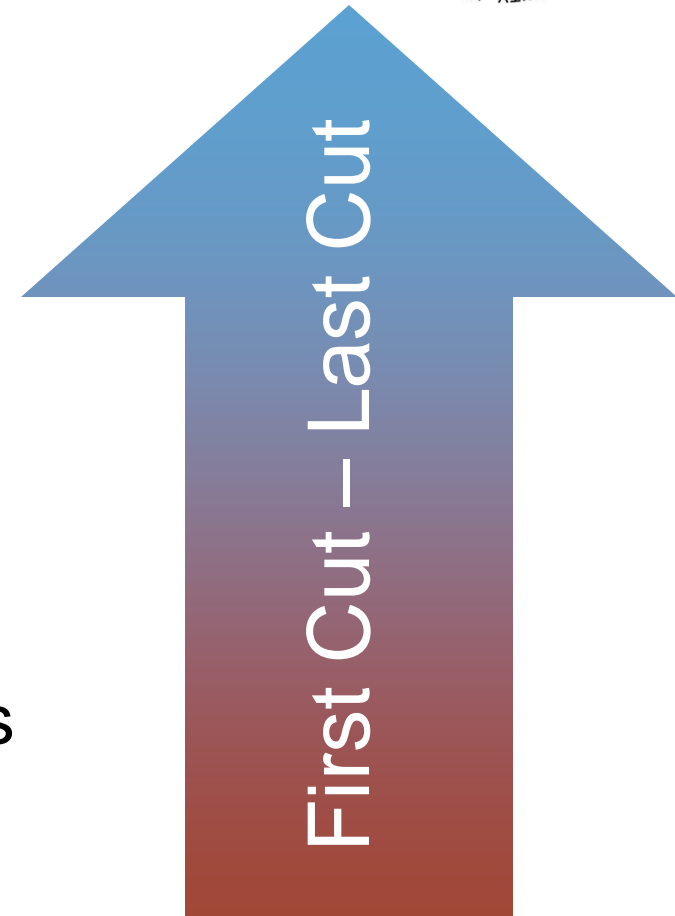


- **Process occurs for each scheduling cycle (4 times per gas day)**
 - Nominate: Service Requestor submits request
 - Confirm: Upstream & Downstream Point Operators
 - Schedule: CGT confirms capacity, transactions are balanced, scheduled quantities reported
- **Pipeline compares nominations to operational capacity during confirmation process**
 - Any capacity allocations will be done in accordance with the tariff
 - Service type will determine the scheduling priority
- **Contracts scheduled in balance**
 - Coordination with upstream pipelines

Scheduling Priorities



- Primary Firm Volumes
 - Cuts made on a Pro-Rata basis
- Secondary Firm Volumes
 - Cuts made on a Pro-Rata basis
- Interruptible Volumes
 - Cuts made on a Pro-Rata basis
- Discounted Interruptible Volumes
 - Cuts made based on rate



Scheduling Cycles



Before the Gas Day	During the Gas Day
<p>Timely</p> <ul style="list-style-type: none"> • 11:30 AM – Nominations Due • 12:00-3:30 PM – Confirmations Done • 4:30 PM – Scheduled Qtys Posted • 9:00 AM (Next Day) – Gas Flow Begins 	<p>Intraday 1 (ID1)</p> <ul style="list-style-type: none"> • 10:00 AM – Nominations Due • 10:30-1:00 PM – Confirmations Done • 2:00 PM – Scheduled Qtys Posted • 5:00 PM – Gas Flow Begins
<p>Evening</p> <ul style="list-style-type: none"> • 6:00 PM – Nominations Due • 6:30-9:00 PM – Confirmations Done • 10:00 PM – Scheduled Qtys Posted • 9:00 AM (Next Day) – Gas Flow Begins 	<p>Intraday 2 (ID2) *</p> <ul style="list-style-type: none"> • 5:00 PM – Nominations Due • 5:30-8:00 PM – Confirmations Done • 9:00 PM – Scheduled Qtys Posted • 9:00 PM – Gas Flow Begins <p>* Option now available beyond ID2 cycle</p>



Intraday 2 Plus (ID2+)



- CGT added an “ID2+” nomination period to allow Shippers to better balance their transportation agreements
- ID2+ Nominations:
 - Must be submitted within 3 business days after the Gas Day
 - Must be confirmed by all affected parties
 - CGT must determine if the nomination is operationally feasible
 - It would be very helpful for shipper to notify gas control so upstream flows can be adjusted if needed
- ID2+ procedures posted on CGT’s Internet Website
 - Currently implemented as an adjustment to the ID2 scheduled quantity
 - Shipper is not guaranteed that ID2+ nominations will be scheduled
 - It is particularly important to make sure forecasted demand has an equal quantity of supply by the ID2 deadline. ID2+ may be available to balance, particularly within the gas day



Upstream Confirmation Deadlines



Cycle	NAESB	CGT	Transco	Transco No Increase After	SNG
ID1	1:00 p.m.	1:00 p.m.	1:00 p.m.	12:10 p.m.	12:00 noon
Timely	3:30 p.m.	3:30 p.m.	3:30 p.m.	2:40 p.m.	2:30 p.m.
ID2	8:00 p.m.	8:00 p.m.	8:00 p.m.	7:10 p.m.	7:00 p.m.
Evening	9:00 p.m.	9:00 p.m.	9:00 p.m.	8:10 p.m.	8:00 p.m.

If a delivery point operator reduces a volume after 12:00 noon on SNG, CGT is unable to reduce SNG. The contract must then be left out of balance. The same holds true for the remaining 3 cycles due to the fact that SNG locks their confirmations one hour prior to the NAESB deadline.

- **All times are in Central Time.**




Deadlines (continued)



- If a delivery point operator reduces a volume just minutes before CGT confirmations close, there may not be enough time for CGT to reduce the upstream volumes
- If a delivery point operator has previously cut a volume and later decides to increase the volume after the deadline for increases on Transco, the CGT contract would be scheduled out of balance
- Confirmations on upstream pipes are due 1 hour before CGT confirmations are due
 - Confirmation cuts by delivery point operators during this time may not be updated on the upstream pipeline's scheduled quantities
 - *This may cause scheduled quantities to be out of balance*

Accessing Scheduled Quantities





› Informational Postings › CGT › Help › Feedback [logout](#)

jw19689

- ▶ Nominations
 - ▶ Nomination
 - ▶ Confirmations
 - ▶ Scheduled Quantity
 - ▶ **Sched Qty Sum**
 - ▶ Sched Qty
 - ▶ Sched Qty Oper Sum
 - ▶ Sched Qty Oper
 - ▶ Flowing Gas
 - ▶ Invoicing
 - ▶ Capacity Release
 - ▶ Contracts
 - ▶ Reporting
 - ▶ Reset Password
 - ▶ Logout
 - ▶ Informational Postings
 - ▶ Site Map

Central Time (CCT):
9/8/2009 10:32:04 AM
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Scheduled Quantity Summary for Service Requester

TSP 13-713-9213	TSP Name Carolina Gas Transmissior	Beginning Date 9/8/2009	Beginning Time All	retrieve
Svc Req All	Svc Req Name All	Ending Date: 9/9/2009	Model Type Non-Pathed Model	
Svc Req K All		Statement Date/Time: 9/8/2009 10:31:12 AM		



Causes for Delays



- Causes for delays in scheduled quantities:
 - Upstream pipe scheduled quantities are delayed
 - Upstream capacity allocations
 - CGT capacity allocations
 - Possible CGT system problems
- CGT will post a notice if scheduled quantities are going to be delayed
- If scheduled quantities are delayed, CGT will post a follow-up notice when scheduled quantities are available

Delay Notifications



Notice Details

Critical Indicator: Not a critical notice
Notice ID: 784 Scheduled Quantities Delayed for Evening Cycle

Notice Type:	Other	Post D/T:	2/4/2009 10:07:52 PM
Notice Eff D/T:	2/4/2009 10:07:52 PM	Notice End D/T:	2/5/2009 10:07:52 PM
Notice Stat:	Initiate (a situation is being noticed)		
Rqrd Rsp Indicator:	No response required		
TSP:	13-713-9213	TSP Name:	Carolina Gas Transmission

Notice Text:
Scheduled quantities have been delayed for the Evening Cycle for Gas Day Thursday, February 05, 2009. A follow-up notice will be posted as soon as scheduled quantities are available.

Attachments:
No Attachments

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Notice Details

Critical Indicator: Not a critical notice
Notice ID: 785 Scheduled Quantities Available for Evening Cycle

Notice Type:	Other	Post D/T:	2/4/2009 11:04:15 PM
Notice Eff D/T:	2/4/2009 11:04:15 PM	Notice End D/T:	2/5/2009 11:04:15 PM
Notice Stat:	Initiate (a situation is being noticed)		
Rqrd Rsp Indicator:	No response required		
TSP:	13-713-9213	TSP Name:	Carolina Gas Transmission

Notice Text:
Scheduled quantities are now available for the Evening Cycle for Gas Day Thursday, February 05, 2009.

Attachments:
No Attachments

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Scheduling Improvements



- Proactive changes CGT is taking:
 - Open nomination and close scheduling cycles early
 - Continue to improve internal scheduling process
 - E-mail now sent to CGT schedulers when a point operator makes a cut
 - Capacity allocations will be automated instead of manual
 - New screen allowing CGT schedulers to see up to date interconnect and point operator volumes as nominations change
 - Improvement in measurement download (imbalances)
 - Continue to enhance forced balancing application
 - Courtesy notification of nomination mismatches as time allows
- Critical scenarios:
 - If there is a unique issue that may require additional notifications, please contact CGT's on-call scheduler
- Potential future enhancement:
 - E-mail notification when scheduled quantities have been posted
 - EBB to support Firefox plus Internet Explorer 7.0 and 8.0



Scheduling Assistance



- Scheduling assistance available 7 days a week
 - An on-call schedule is available on CGT’s Internet website
 - This schedule is updated every Monday morning
 - To access the on-call schedule, navigate to <http://ebb.carolinagas.com>
 - If the schedule is not displayed in the “Last 5 Non-Critical Notices in Effect” section, navigate to the Non-Critical Notices link under the Notices menu of the left-hand navigation bar



Scheduling Assistance (Cont.)



Address <http://ebb.carolinagas.com/InformationalPostings/> Go Links SnagIt

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Welcome to CGT's Informational Postings Internet Website

6/22/2009 9:12:04 AM Central Time

Critical Notices in Effect:

	Notice Type	Posted Date/Time	Notice Effective Date/Time	Notice Identifier	Subject
Details	Maintenance	5/29/2009 1:00:00 PM	5/29/2009 1:00:00 PM	0000000853	Kershaw County, SC Main Line Work Update

Last 5 Non-Critical Notices in Effect:

	Notice Type	Posted Date/Time	Notice Effective Date/Time	Notice Identifier	Subject
Details	Other	6/22/2009 8:00:00 AM	6/22/2009 8:00:00 AM	0000000864	CGT Scheduling Assistance June 22 -June 28, 2009
Details	Other	6/17/2009 3:09:19 PM	6/17/2009 3:09:19 PM	0000000863	June 25th Customer Meeting
Details	Other	6/15/2009 8:14:29 AM	6/15/2009 8:14:29 AM	0000000862	CGT Scheduling Assistance June 15 - June 21, 2009
Details	Other	6/5/2009 12:19:51 PM	6/5/2009 12:19:51 PM	0000000860	Save the Date! Capacity Release Preview
Details	Other	6/5/2009 8:35:21 AM	6/5/2009 8:35:21 AM	0000000858	May Statement of Account and Invoice Posting

Cycle Indicators

	ID - 1	ID - 2	Timely	Evening
Gas Day	6/22/2009	6/22/2009	6/23/2009	6/23/2009
Nomination Cycle	Open	Closed	Open	Open
Confirmation Cycle	Closed	Closed	Closed	Closed

CAROLINA GAS TRANSMISSION SM

If the on-call schedule does not appear on the home page, click here.

CGT Scheduling Assistance June 22 -June 28, 2009

Contact Information



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Questions?

