



# **TGP Hourly Process**

*December 6, 2018*

# Staff Hours

## ■ Regular work hours (Monday – Friday) from 7:00 AM until 4:30 PM

- Call your Scheduling Rep during business hours
- Call the TGP Scheduling hotline for any questions after 4:30 PM until 10:00 PM
- 713-420-4999

## ■ Weekends and Holidays

- Call the TGP Scheduling hotline for any questions from 7:00 AM until 10:00 PM
- 713-420-4999

## ■ After 10:00 PM call Gas Control

- 1-800-231-2800

\*all hours in CCT

# Scheduling Deadlines

NAESB Cycles					
	Day Ahead	Day Ahead	Intraday	Intraday	Intraday
	Timely	Evening	ID1	ID2	ID3
Nom Deadline	1:00 PM	6:00 PM	10:00 AM	2:30 PM	7:00 PM
Confirmation Deadline	4:30 PM	8:30 PM	12:30 PM	5:00 PM	9:30 PM
Scheduled Volumes Available	5:00 PM	9:00 PM	1:00 PM	5:30 PM	10:00 PM
Start of Gas Flow	9:00 AM	9:00 AM	2:00 PM	6:00 PM	10:00 PM
Hours of Flow left in Gas Day	24 hrs	24 hrs	19 hrs	15 hrs	11 hrs
EPSQ	N/A	N/A	20.83%	37.50%	54.17%
		Bumpable	Bumpable	Bumpable	<b>No Bumping</b>
Bumping applicable to IT and below services					

TGP follows the NAESB standard nomination cycles for Timely, Evening, ID1, ID2, and ID3 and also offers the flexibility of hourlies (Tariff sheet no. 313A)

Hourly nomination cycles (11:00 PM – 8:00 AM CCT)

# Hourlies - Tariff

## Sheet No. 313A - 315

(e) Hourly Nomination Changes: A Shipper under Rate Schedule FT-A, FT-G, FT-GS, FT-BH, FT-IL, IT, LMS-MA, LMS-PA, PTR, IS, or SA or a storage customer under any firm storage rate schedule may change its nomination sixty minutes in advance to be effective on any hour of the day between 11:00 p.m. CCT and 8:00 a.m. CCT by making a nomination in Transporter's Interactive Website. For Electronic Data Interchange, Transporter shall receive such nominations no later than forty-five minutes in advance of the effective time. However, for the 8:00 a.m. CCT hourly nomination cycle, Shipper may change its nomination no later than 8:00 a.m. CCT to be effective at 8:00 a.m. CCT.

Upon receipt of nomination, Transporter agrees to adjust gas flow in advance of the next hourly effective time...provided that Transporter, Shipper and the upstream/downstream connected parties mutually agree in advance to the adjusted gas flow.

(k) ...”Transporter shall have the right to refuse any nomination change hereunder in the event that, in Transporter's sole discretion, scheduling such nomination change threatens the operational integrity of Transporter's system.

# Hourly Process

- **Hourly nomination cycles (11:00 PM – 8:00 AM CCT)**
- **Nominations are due 1 hour prior to the effective hourly cycle for all hourly cycles except 8 AM cycle (examples below)**
  - 11:00 PM cycle nominations are due by 10:00 PM CCT
  - 8:00 AM cycle nominations are due by 8:00 AM CCT
- **Confirmations are due 30 minutes after the nomination deadline**
  - **Shippers should proactively send the Confirming parties' approval for any Offsystem Supply/Market changes or UDP buy/sell changes to TGP ([tgptranssvcs@kindermorgan.com](mailto:tgptranssvcs@kindermorgan.com)) and your scheduling rep to ensure this deadline is met**
  - TGP is also a Confirming Party that has to agree to the change. (**Note: Nominations must physically be able to flow.** Gas Control will likely not be able to set rate for 8 AM nominations)
- **Nominations must still pass current day validations (Restrictions, MHE – Maximum Hourly Entitlement, EPSQ, etc.)**

# Hourly Process (continued)

- **TGP Schedulers are available until 10 PM CCT nightly and will process any 11 PM hourlies**
  
- **Nominations for the 12:00 AM – 6:00 AM hourly cycles must follow the criteria below**
  - Must be entered in DART
  - Call Gas Control (1-800-231-2800)
  - Gas Control will call the On Call Scheduler
  - All parties in the chain must confirm changes by the confirmation deadline
    - Send confirmation email approvals to [tgptranssvcs@kindermorgan.com](mailto:tgptranssvcs@kindermorgan.com)
  - On Call Scheduler approves/disapproves the nomination based on guidelines
  - If Gas Control is not notified, the nom will not get processed
  
- **Switching service priority for hourly cycles may be disapproved**
  
- **An hourly batch is either approved or disapproved in its entirety**
  - As such, shippers can submit more than 1 batch for an hourly cycle if the batches are independent of one another.
  - Contingent nomination batches are inconsistent with NAESB cycles and are not allowed.
    - If multiple batches in an hourly cycle include the same location(s), only the last submitted batch will be analyzed for processing.
  
- **If nominations are disapproved for any hourly cycle, the customer will be contacted**

# Hourly Nominations

- The hourly nomination batch should only include points with changes, and changes must be “checked”
  - Be sure to “check” both Upstream and Downstream changes
  - All buy/sell counter parties must also submit an hourly batch if the previous scheduled quantity is changing. If just matching cuts, counter parties do not need to submit a batch.

Batch Locations **NAESB Nomination Matrix** Delete Location New Validate Save Retrieve Save As

TSP Prop: 4052 TSP Name: TENNESSEE GAS PIPELINE TSP: 001939164  
 Svc Req Prop: 61000 Svc Req Name: TRNG-CHERRY NATURAL GAS Svc Req: 006100000 Svc Req K: 61000

Report Date/Time: 8/11/2016 12:14:07 Beg Date: 8/11/2016 Beg Time: 9:00 AM End Date: 8/11/2016 End Time: 9:00 AM Cycle: 08 AM  
 Rec/Del Loc Prop: 420826 Rec/Del Loc Name: POOLING PT-100 LEG-ZN 0-NORTH Rec/Del Loc: 420826 Status QTY/PDA/Rank:  
 Batch Id: 580178266 PDA: Default  Counter Prty Nom  Package ID  Up Dn Ctrct Id

Upstream Total : 300 Downstream Total : 300 Variance: Status: Draft  Show Zeros - Up  Show Zeros - Dn

Note: Fields with labels in Red Italics are ordered pursuant to NAESB 4.3.73

Collapse Upstream Nominations New Delete

Vol Type	TT	Svc Req K	Svc Type	Rec Loc Prop/Up ID Prop	GO	Rec Loc Name/Up Name	Rec Loc/Up ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Up Rank/Del Rank	Change Ind
Buy (Current Bu	01	0		5	GO	KINDER MORGAN G	0	300	0	0		300	0	<input checked="" type="checkbox"/>
					GO									<input type="checkbox"/>
					GO									<input type="checkbox"/>
					GO									<input type="checkbox"/>

Collapse Downstream Nominations New Delete

Vol Type	TT	Svc Req K	Svc Type	Del Loc Prop/Dn ID Prop	GO	Del Loc Name/Dn Name	Del Loc/Dn ID	Rec Qty (Gross)	Fuel %	Fuel Qty	Counter Prty Nom	Del Qty (Net)	Dn Rank/Rec Rank	Change Ind
Sell (Current Bu	01	0		5212	GO	REPSOL ENERGY N	805486276	300	0	0		300	0	<input checked="" type="checkbox"/>
					GO									<input type="checkbox"/>
					GO									<input type="checkbox"/>
					GO									<input type="checkbox"/>

The Change Indicator column will only appear when building an hourly cycle nom

# Important Hourly Nomination Considerations

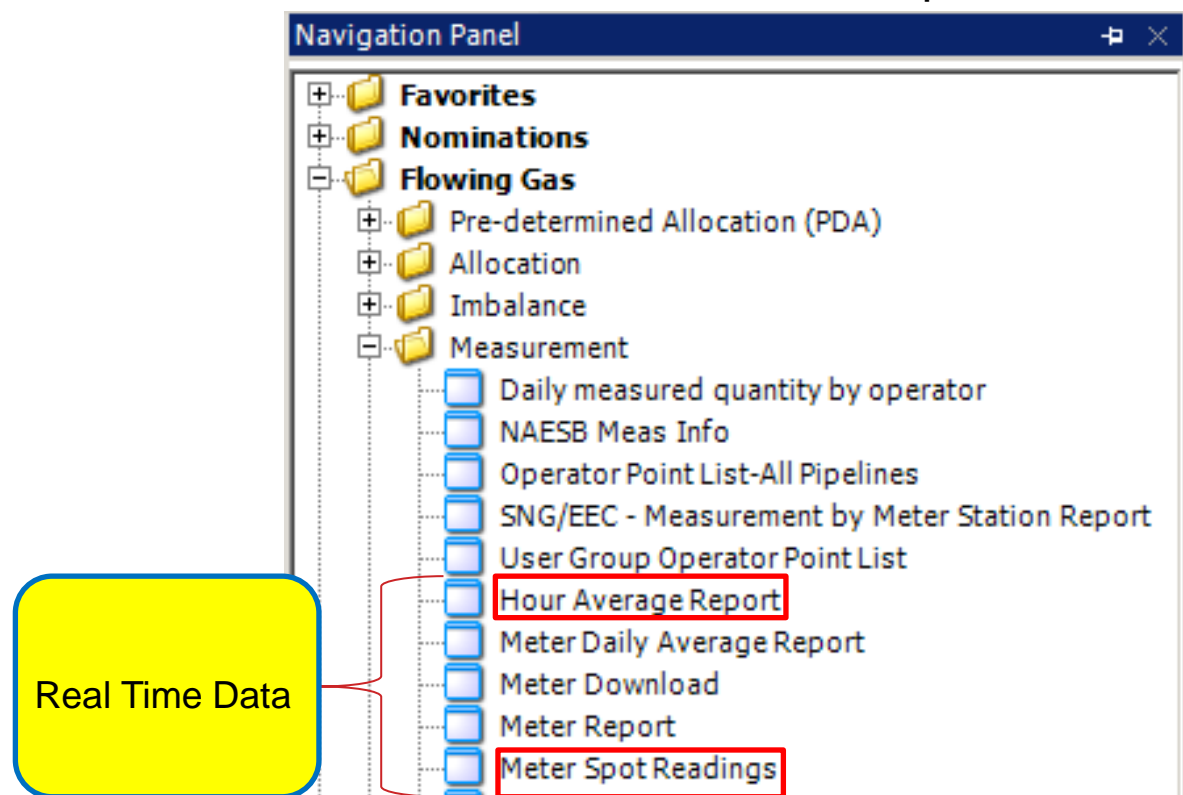
- **TGP's mainline system is designed based on even hourly takes. Gas Control should be contacted when customers cannot flow on a uniform hourly basis.**
- **Hourly over pulls may threaten pipeline deliverability.**
- **Leaving too much gas on the pipe can be just as problematic as taking too much gas.**
- **Scheduled quantities at a point should be as close to actual flow as possible.**
- **TGP strives to provide safe and reliable service and depends on accurate information from the scheduling system to ensure gas arrives at the contracted location.**



# Hourly flow

## ■ TGP allows users to view physical flows at any meter

- Shippers can verify the physical flow before submitting an hourly nomination
- The volumes are TGP's best available operational data



- Volumes are updated every 15 minutes

# Hourly Average Report

- Operators can access the real time data for the operator's PINs
- Shippers are also able to view the real time flow data

Meter Report - WCTM1500; 05/01/ | Meter Spot Readings - WCTM1510; **Hour Average Report - WCTM1** | Meter Daily Averages Report - WC | Meter Download - WCTM1540; 05/

Pipeline: 4052 - TENNESSEE GAS PIPELINE COMPANY, L.L.C.

PIN: 400448 CICO/TGP MERCY GU 1 LIBE Retrieve

Flow Date: 5/ 1/2013 Clear

**Flow** Gas Quality/Press

4/30/2013				Yesterday			5/1/2013			Today		
	Daily Rate	Hourly	Cumm Hourly		Daily Rate	Hourly	Cumm Hourly		Daily Rate	Hourly	Cumm Hourly	
9 AM	270.6540	11.2772500	11.2772500	9 PM	619.7055	25.8210625	322.2689833	9 AM	602.6481	25.1103375	25.1103375	
10 AM	371.5117	15.4796541	26.7569041	10 PM			347.8786458	10 AM	602.0684	25.0861833	50.1965208	
11 AM	678.2207	28.2591958	55.0161000	11 PM	614.6319	25.6096625	373.5845750	11 AM				
12 PM	664.8472	27.7019666	82.7180666	12 AM			398.8457666	12 PM				
1 PM	647.6824	26.9867666	109.7048333	1 AM			424.1069583	1 PM				
2 PM	646.4186	26.9341083	136.6389416	2 AM			449.3681500	2 PM				
3 PM	646.4186	26.9341083	163.5730500	3 AM				3 PM				
4 PM	646.4186	26.9341083	190.5071583	4 AM	616.9423	25.7059291		4 PM				
5 PM	637.7994	26.5749750	217.0821333	5 AM				5 PM				
6 PM	634.9263	26.4552625	243.5373958	6 AM	606.2686	25.2611916		6 PM				
7 PM	634.9263	26.4552625	269.9926583	7 AM	606.2686	25.2611916		7 PM				
8 PM	634.9263	26.4552625	296.4479208	8 AM	606.2686	25.2611916		8 AM				

Curr Rdg	603.9495	Pressure	
Mtr Press		Cust Press	651.0010
May 01, 2013		Scheduled	0.0000
6018 CICO/TGP MERCY GU 1 LIBERTY			
CICO OIL & GAS			

Yesterday		Today		Both	
Min	270.6540	Min	602.0684	Min	270.6540
Max	678.2207	Max	602.6481	Max	678.2207
Avg	599.1575	Avg	602.3583	Avg	599.4776

This is Operational Data Only... Non Custody Transfer Data.  
This Data is Subject to Adjustments.

Retrieved 5/1/2013 11:32:19 AM

# Hourly Recap/Reminders

- Hourly changes must be in a good faith effort to true up before the gas day ends.
- Nominations should be submitted as soon as the need for a change is recognized along with all parties approvals.
- Changes that threaten the operational integrity of the system or that are not feasible within the remaining hours of the gas day will be disapproved.
- All nomination increases will be evaluated against system constraints.
- Confirmations are due 30 minutes after the hourly nom deadline.
- Submission of contingent nomination batches is outside of the intended purposes of the hourly nomination cycles and inconsistent with NAESB cycles.
- Hourly nomination requests should not put any party or meter further out of balance with the pipeline.
- Hourly nominations that are disapproved due to restrictions, segment or meter capacity, EPSQ, MHE, pipeline integrity, etc. will not be approved as retros.

# Questions?

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**TGP appreciates your business!**