

# TGP Customer Meeting

April 10, 2025

# Agenda

<b>Welcome and Introductions</b>	<b>Erin Mortimer</b>	<i>Sr. Scheduler, KMI Pipeline - TGP</i>
<b>KM Update</b>	<b>Gina Mabry</b>	<i>Vice President of Pipeline Administration, KMI Pipeline</i>
<b>Commercial Update</b>	<b>Adrienne Reid</b>	<i>Account Director – Marketing, KMI Pipeline-TGP</i>
<b>Operations Update</b>	<b>Cathy Soape Hutton</b>	<i>Manager of Scheduling, KMI Pipeline-TGP</i>
<b>Transportation Services Update</b> Contracts Scheduling	<b>Lindsay Salazar</b> <b>Lauren Holcombe</b>	<i>Manager of Contracts, KMI Pipeline</i> <i>Scheduler, KMI Pipeline – TGP</i>
<b>Discussion and Feedback</b>	<b>Adam Harris</b>	<i>Director of Scheduling, KMI Pipeline</i>

## DART Projects & Involvement

- Capital Projects - 18 completed 2024, 28 planned for 2025
- DART Interstate Daily Avg. 1,500 batches/192,000 transactions
- Continuous improvement and enhancements

## Team Members

- Scheduling (70)
- Contracts (17)
- Business Processes (14)

# Meet the Team - Scheduling

## KINDER MORGAN

### Eastern Region Scheduling Department



**Gina Mabry**  
*VP—Pipeline Administration*  
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### Tennessee Gas Pipeline Scheduling Team

#### DSRs



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#### WEARs



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**Norma Villarreal**  
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## KINDER MORGAN

### Eastern Region Contracts Department



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**Lindsay Salazar**  
Manager - Commercial Contract Admin  
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### East Region Contract Management Team



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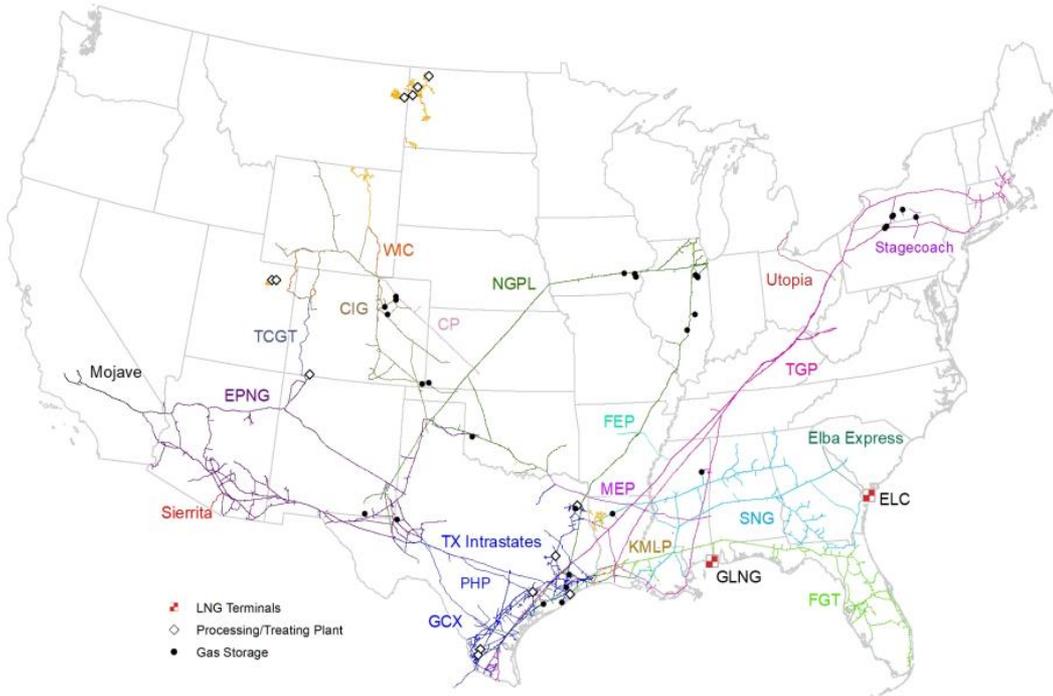
**Contracts Hotline:**  
**(713) 420-3434**

Email: [TGPContractMgmt@kindermorgan.com](mailto:TGPContractMgmt@kindermorgan.com)

# Kinder Morgan Update

## Natural Gas Segment Overview

Connecting Key Natural Gas Resources with Major Demand Centers



66,000 miles natural gas pipelines	>700 bcf working gas storage capacity	1,200 miles NGL pipelines
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Largest Natural Gas Transmission Network in the U.S.

KMI Transports ~40% of U.S. Natural Gas Production

~45% of all feedgas deliveries to U.S. LNG facilities	~50% of all U.S. natural gas exports to Mexico	~45% of all direct natural gas deliveries to Southern U.S. power plants <sup>(a)</sup> <i>Areas with high forecasted natural gas fired power demand growth</i>
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Irreplaceable Assets

Long-Lived Infrastructure

Principally Transmission & Storage Assets, with Gathering & Processing Assets in Key Basins

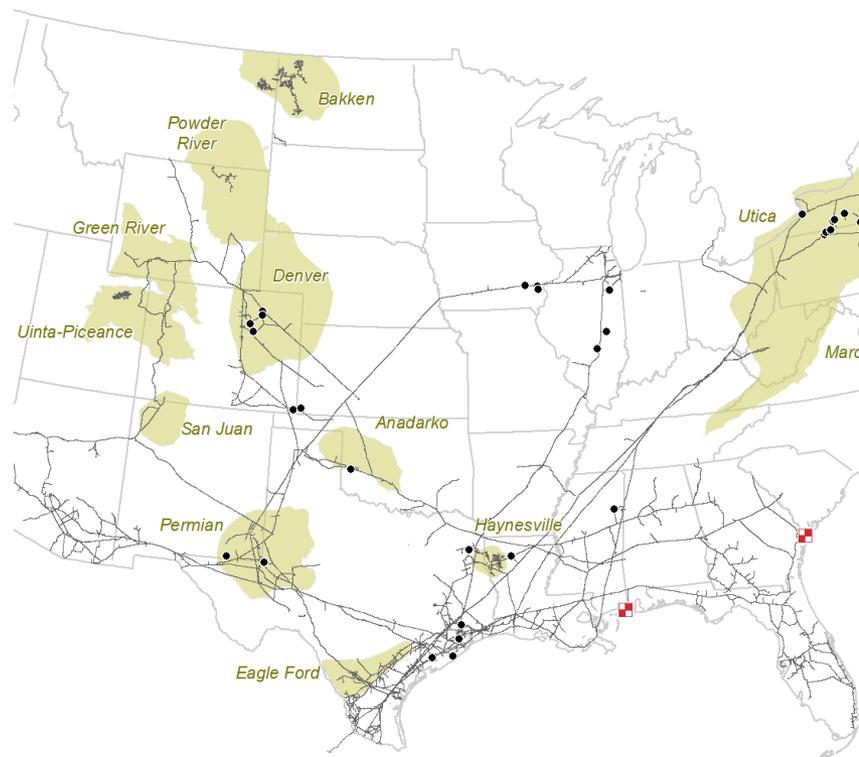
Robust Opportunity Set for Growth

# Kinder Morgan Update – Projects

~\$7.2 Billion of Approved Natural Gas Projects

Pursuing substantial additional opportunities beyond those currently in our backlog

Major Projects	Capital <sup>(a)</sup> (\$mm)	Capacity (bcfd)	In-Service Date	Status
① South System Expansion 4 <i>SNG &amp; EEC</i>	\$1,659	1.2	4Q28, 4Q29	Permitting
② Trident <i>TX Intrastates</i>	\$1,650	1.5	1Q27	Permitting
③ Mississippi Crossing <i>TGP</i>	\$1,637	2.1	4Q28	Permitting
④ Evangeline Pass (Phase II) <i>TGP &amp; SNG</i>	\$389	1.1	3Q25	Construction
⑤ Green River Pipeline <i>Altamont</i>	\$263	0.1	3Q25	Permitting
⑥ Cumberland <i>TGP</i>	\$222	0.2	3Q25 <sup>(b)</sup>	Permitting
⑦ GCX Expansion <i>TX Intrastates</i>	\$161	0.6	2Q26	Construction
⑧ S. TX to Houston Market (I & II) <i>TX Intrastates</i>	\$154	0.8	1Q25, 3Q25	Construction
⑨ Hiland Express (NGL Conversion) <i>Double H</i>	\$149	--	1Q26	Permitting



a) KMI share of estimated project capital.

b) Pending litigation may delay project.

## Reliable services creating value every day

- **Transportation** – Market driven firm transportation agreements enabling access to premium supply and market locations.
- **PAL** – Park and Loan services creating flexible solutions and opportunities adding value to your business.
- **Balancing** – Term and monthly balancing contracts providing many innovative ways to add value.
- **Storage** – Creative storage solutions that provide additional opportunities and risk mitigation.
- **Pooling** – Locations that meet market and supplier needs providing liquidity on trading platforms and are used by natural gas publications for location indices.
- **Communication** – Maintenance updates posted weekly and online monthly.
- **On-Call** – Weekend and weeknight on-call access to the scheduling and commercial teams. (Hourly nomination cycles after 10pm)
- **DART** – Scheduling system allowing 24/7 access to your scheduling information.

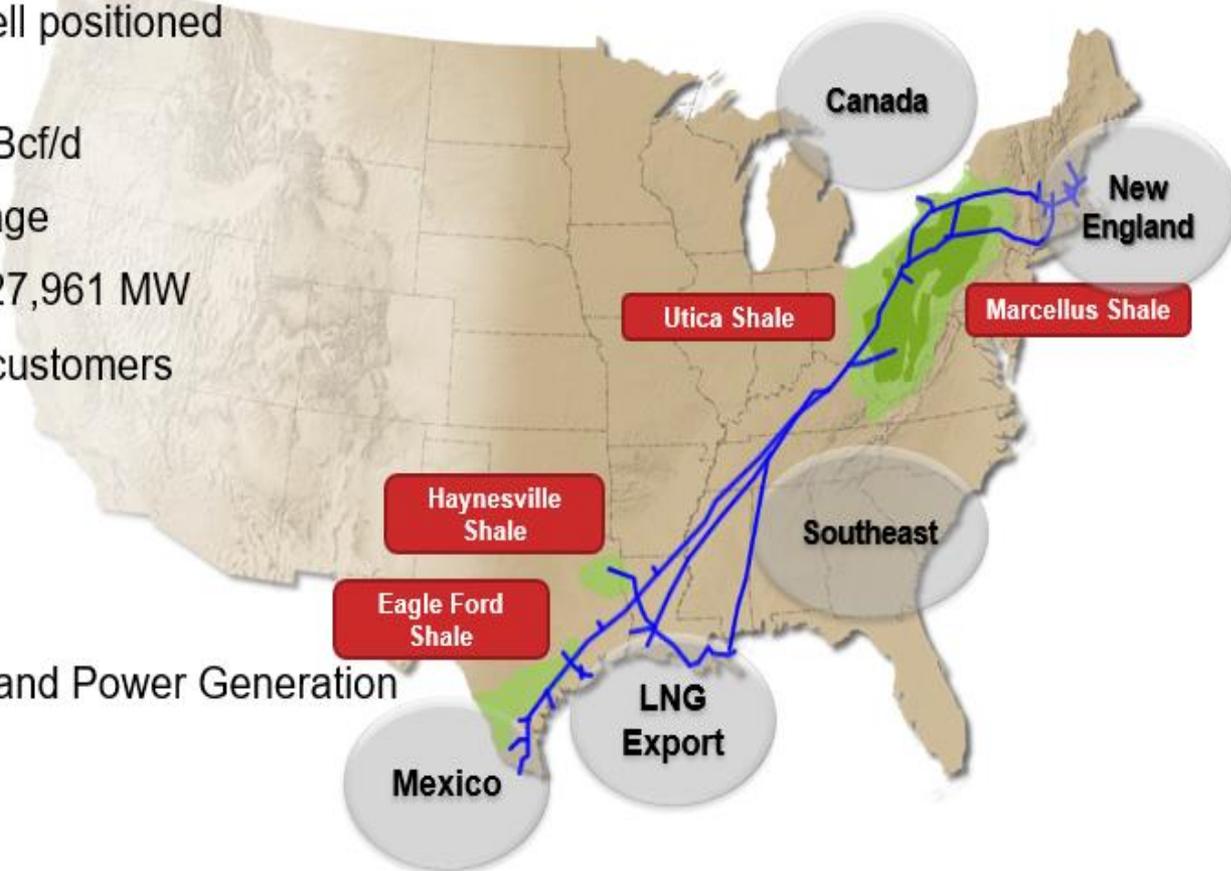
# Tennessee Gas Pipeline Overview

## System Overview

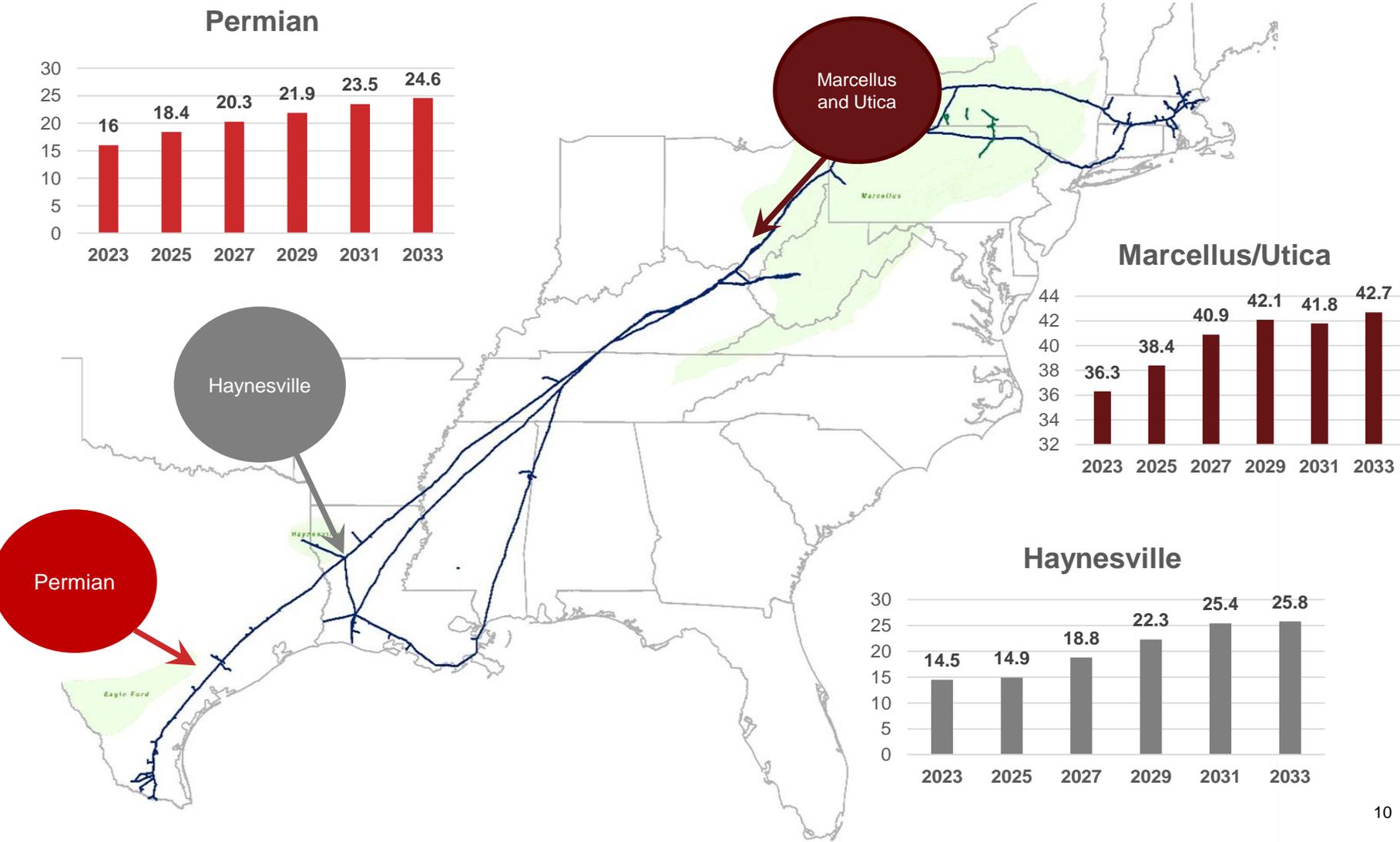
- Large pipeline system with access to key supply basins and well positioned to serve new demand
- Peak throughput of 13.8 Bcf/d
- Flexible 140 BCF of storage
- Direct connected power 27,961 MW
- >500 firm transportation customers

## Long-Term Growth Drivers

- Supply Push – Permian
- Market Pull – LNG export and Power Generation

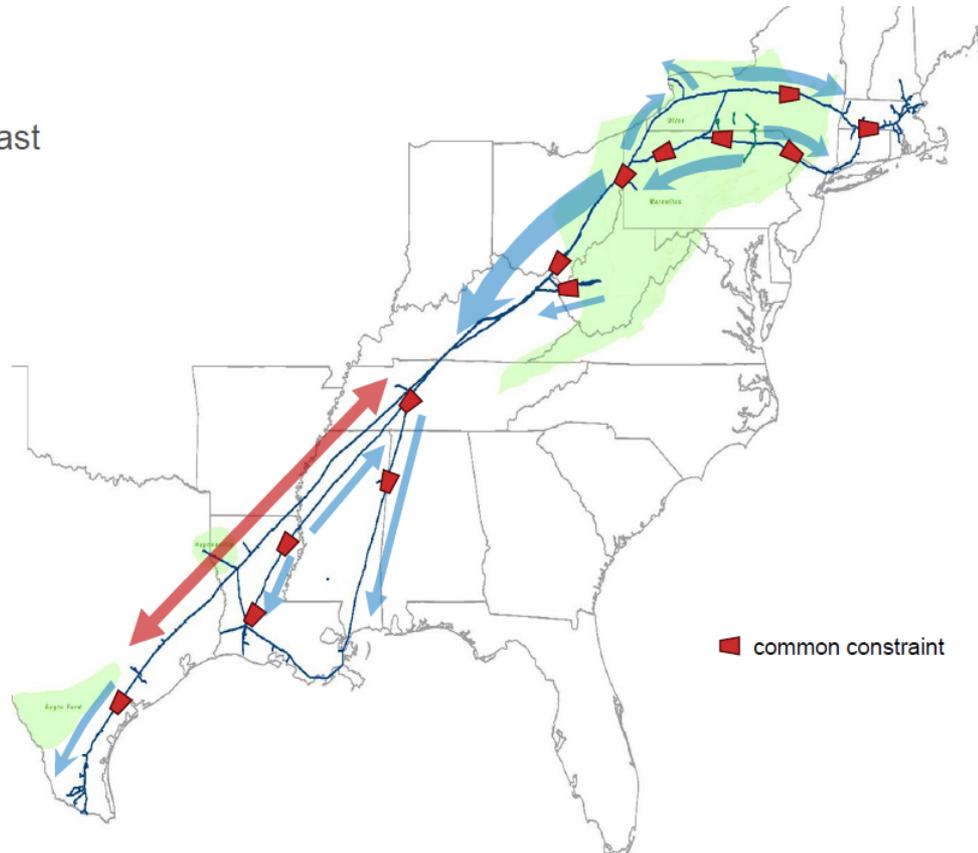


# Commercial Update – Supply Growth



## System Flows

- Remains the same
  - High utilization moving gas from Marcellus/Utica, both South and East
  - Traditional bottleneck into New England remains
  - Steady exports to Canada
- Recent Trends
  - Power growth - PJM in particular
  - Growing LNG exports
  - Texas becomes a swing market



# Operations Update – Winter 2024-2025

## Overview

- Higher Winter Demand; fewer freeze-offs
- System-wide throughput increased 4%; Northeast throughput increased compared to previous winter
- Storage Inventories high going into winter; high withdrawals in December, January and February
- System Wide Peak Day was ~13.5 Bcf/d on January 21, 2025
- LNG deliveries increased by 49% over previous winter
- Power demand saw 9% increase over last year
- Exports to Mexico increased by 11% compared to previous winter
- Higher throughput in the Northeast compared to prior years
- New restrictions on various laterals in Zn 6
- Receipts from Niagara
- Receipts from Midwestern

## Supply

- Supply in Zone 4 consistent as previous Winter
- Permian supply continues to increase
- Supply changes were demand related at Dracut/Distrigas

## Operational Challenges

- Winter Conditions
- Uncertainty about Solar and Wind

## TGP System Wide Flows

	<u>2021-2022</u>	<u>2022-2023</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>Change</u>
LDC	2,089	1,936	2,034	2,137	+5%
Power	1,558	1,627	1,648	1,801	+9%
Pipeline Interconnects	5,593	5,835	5,538	5,004	-10%
LNG	1,705	1,218	1,282	1,912	+49%
MEX	565	382	438	487	+11%
Industrial	50	63	71	74	+3%
<b>TOTAL</b>	<b>11,560</b>	<b>11,061</b>	<b>11,011</b>	<b>11,415</b>	<b>+4%</b>

Volumes are MDth/d

# Operations Update – Winter Restrictions



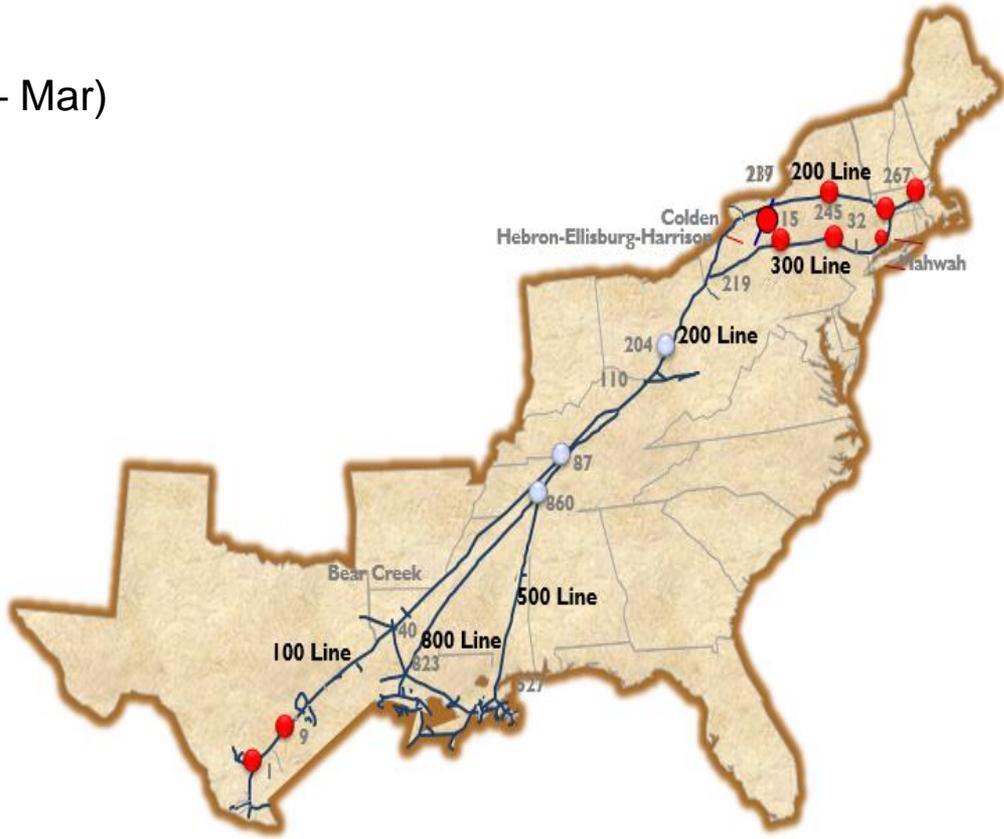
## Restricted Days as of Timely Cycle

Restriction Point Highly Utilized TGP Paths	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)	Percentage Days Restricted (November – March)	Percentage Days Restricted (November – March*)
	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
<b>Sta. 204</b>	38%	0%	0%	0%	0%
<b>Sta. 245</b>	100%	99%	100%	100%	100%
<b>Sta. 261</b>	54%	76%	71%	59%	75%
<b>MLV 268</b>	5%	36%	26%	14%	12%
<b>MLV 273</b>	100%	95%	100%	100%	85%
<b>Sta. 315 BH</b>	100%	98%	100%	100%	94%
<b>Sta. 321</b>	100%	99%	100%	100%	100%
<b>MLV 355 BH</b>	28%	40%	56%	52%	13%
<b>Sta. 1 BH</b>	4%	4%	1%	14%	0%
<b>Sta. 9 BH</b>	13%	0%	1%	0%	0%
<b>Mahwah</b>	100%	4%	94%	96%	97%
<b>Rivervale</b>	0%	0%	13%	1%	1%

## Frequently Constrained Segments

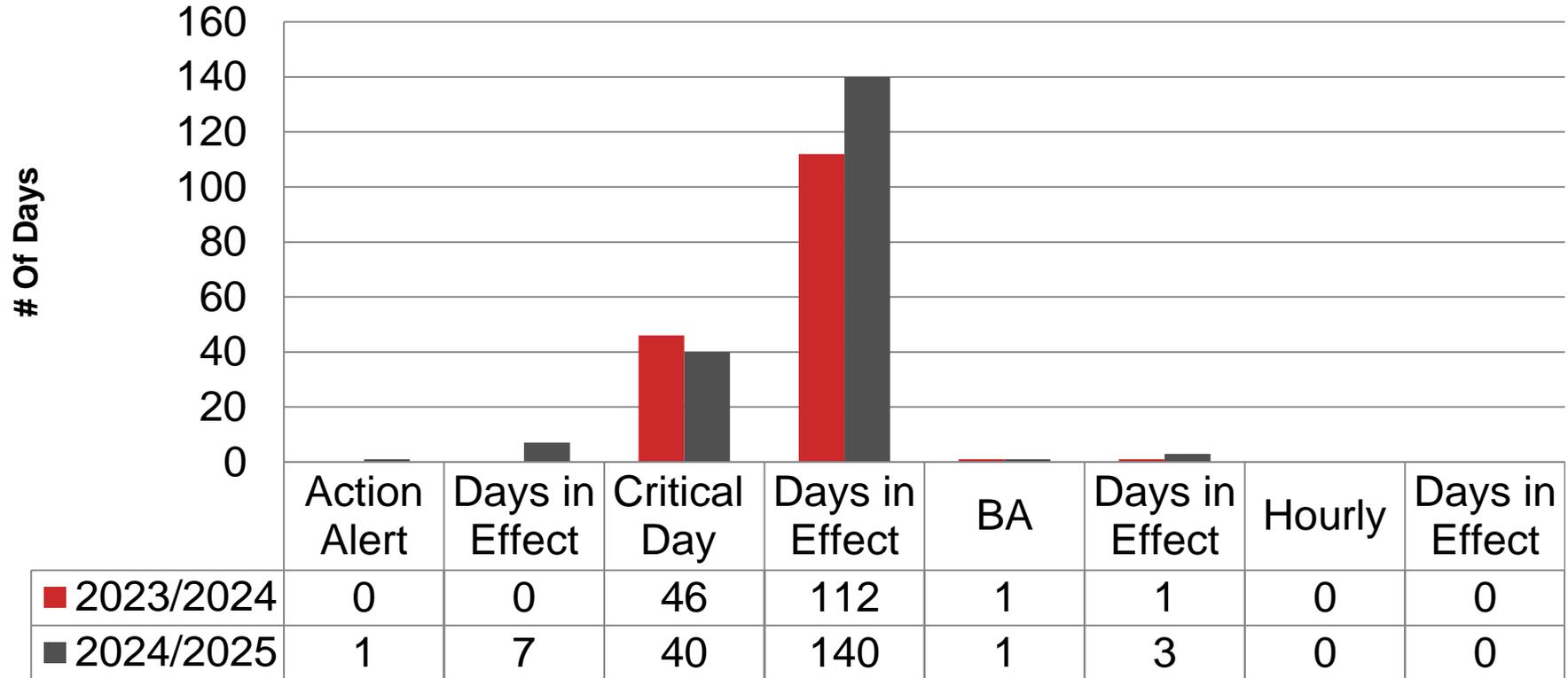
**Days Impacted** for Timely Cycle (Nov – Mar)

Segment	Location	Days Impacted
245	STA 245	151
261	STA 261Dis	113
299	HC Z5	151
284	STA 273	129
315	STA 315	142
321	STA 321	151
355	MLV 355	17
324	420207	146

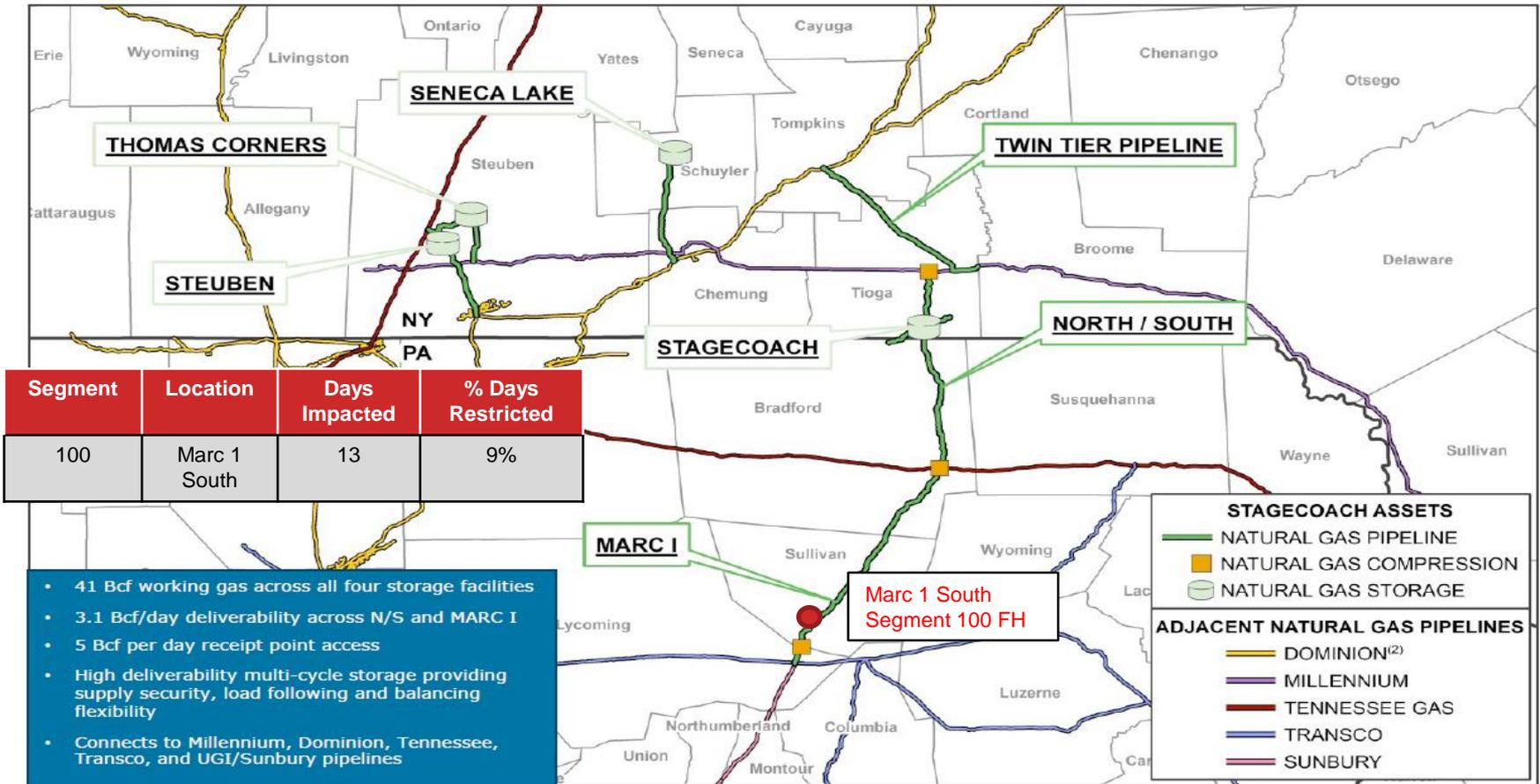


# Operations Update – Winter OFOs TGP

## Winter Season OFOs – System Wide



## STAR Overview – Winter Restrictions



# Operations Update – STAR OFO

## Stagecoach OFO Matrix – Effective November 1, 2024

OFO Type/ Tariff Reference	Notification	Penalty
Level 1 Action Alert	=>24 hrs	three (3) times the 100% load factor equivalent of the demand charge for service under its FWS Rate Schedule multiplied by the total dth of Gas not in compliance
Level 2 Action Alert	=>24 hrs **	the sum of \$5.00 and the Regional Daily Spot Price multiplied by the total dth of Gas not in compliance
Level 3 Action Alert	=>24 hrs **	the sum of \$10.00 and the Regional Daily Spot Price multiplied by the total dth of Gas not in compliance
OFO	=> 8 hrs ***	the sum of \$15.00 and the Regional Daily Spot Price multiplied by the total dth of Gas not in compliance

\*\* If a current Action Alert is already in effect but not sufficient and additional action is required to alleviate the existing Operational Condition, Stagecoach can upgrade the Action Alert to a higher level on not less than four (4) hours prior notice.

\*\*\* If an action alert is already in place, Stagecoach can update the Action Alert to an OFO on not less than four (4) hours notice.

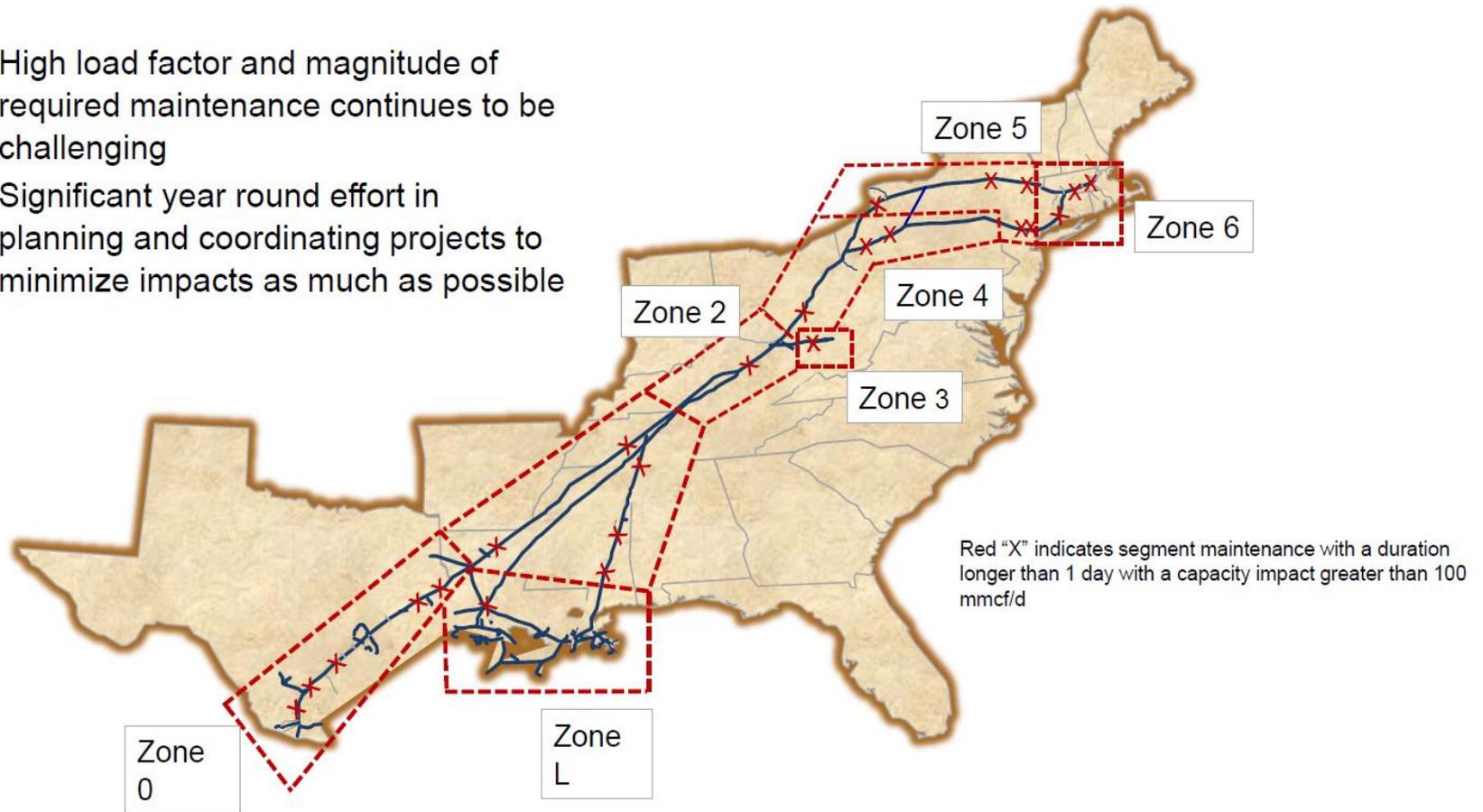
## Operational Expectations Heading into Summer

- Continued high utilization system wide
- LNG demand is high utilization with no seasonality – increasing load factor in southern segments
- Storage at low levels heading into summer with anticipated high injection rates
- Growth in Data Centers
- Scheduling maintenance and outages continues to be challenging
  - Significant coordination effort to minimize customer impact
  - Multi-year analysis when scheduling known major outages
  - Continued maintenance and integrity efforts ensure reliability
  - Routine PHMSA required inspections and maintenance

# Operations Update – TGP Maintenance

## Upcoming Maintenance

- High load factor and magnitude of required maintenance continues to be challenging
- Significant year round effort in planning and coordinating projects to minimize impacts as much as possible



## New Contract East Manager and Team

### Current Contract Admin Team (over 50 years of service)

- Veronica Esparza
- Jordan Kuritz
- Katie Manganelli
- NaTarsua Player
- Lindsay Salazar

Currently hiring additional contract administrator to the team

### Contracts Responsibilities:

- Specific Contract Set Up: Firm and Interruptible Transportation, Firm and Interruptible Storage, Park and Loans, Purchase and Sales (NAESB) Supply Aggregation (Pooling)
- Capacity Release/Permanent Release- assist customers as needed with set up
- Agency Agreements- assist customers as needed with set up

### Contracts Hotline

- 713-420-3434

### Contracts Email Distribution

- [tgpcontractmgmt@kindermorgan.com](mailto:tgpcontractmgmt@kindermorgan.com)

# Transportation Services Update

## 2024 Meeting Action Items

	DART Downloads	DART Nom Validation	DART Vol Report	Hourly Avg. Report	Hourly Buy/Sell Mismatch View and Warning	OFO Notice	Pipeline Condition Report	Sched Qty Screen	Warning / Error Message
Completed	✓	* ✓		* ✓		✓	✓		* ✓
In Progress			✓		✓			✓	

\* April Production Release

# Transportation Services Update

## 2024 Meeting Action Items

Category	Request	Proposed Modification	Status
DART Downloads	Simplify and upgrade DART download	Add .xlsx format as a 'SAVE AS' option in DART screens	Completed
DART Nom Validation	Validation requiring all meters with changes be included in batch for hourlies	Error message identifying missing locations in nomination	*Completed
DART Vol Report	Modify Shipper Imbalance/Trans Contract Summary Report to display future dates for weekend nominations	Extend date range 5 days ahead	In Progress
Hourly Avg. Report	Improve Hourly Average Report screen with scroll bar	Give all measurement screens the same look and functionality as the NAESB Meas Info screen	*Completed
Hourly Buy/Sell Mismatch View and Warning	Ability to view mismatches at hourly cycles	1. Buy/Sell mismatches at hourly cycles(11pm-8am) be visible in Buy/Sell Mismatch Screen when nomination is in Waiting Approval status	In Progress

\* April Production Release

# Transportation Services Update

Category	Request	Proposed Modification	Status
OFO Notice	Improve OFO notices for clarity	Added bullet list with OFO areas and simplified language	Completed
Pipeline Conditions	Improve Pipeline Conditions report for clarity	Grouped report by meter or segment restrictions	Completed
Sched Qty screen	Modify Sched Qty screen for easier view	Enhance the screen so that users can minimize, move, and/or hide certain columns and save those personalized settings	**In Progress
Warning/error msg	Modify warnings and error messages for better visibility	Warning/Error message box expanded so entire message is visible	*Completed
Stagecoach Out of Cycle Noms	Hourly or post cycle on Stagecoach	Adjustments can be made before the end of the gas day, provided all necessary operator approvals are received and the request is operationally feasible	***Effective May 1

\* April Production Release

\*\* IT Review

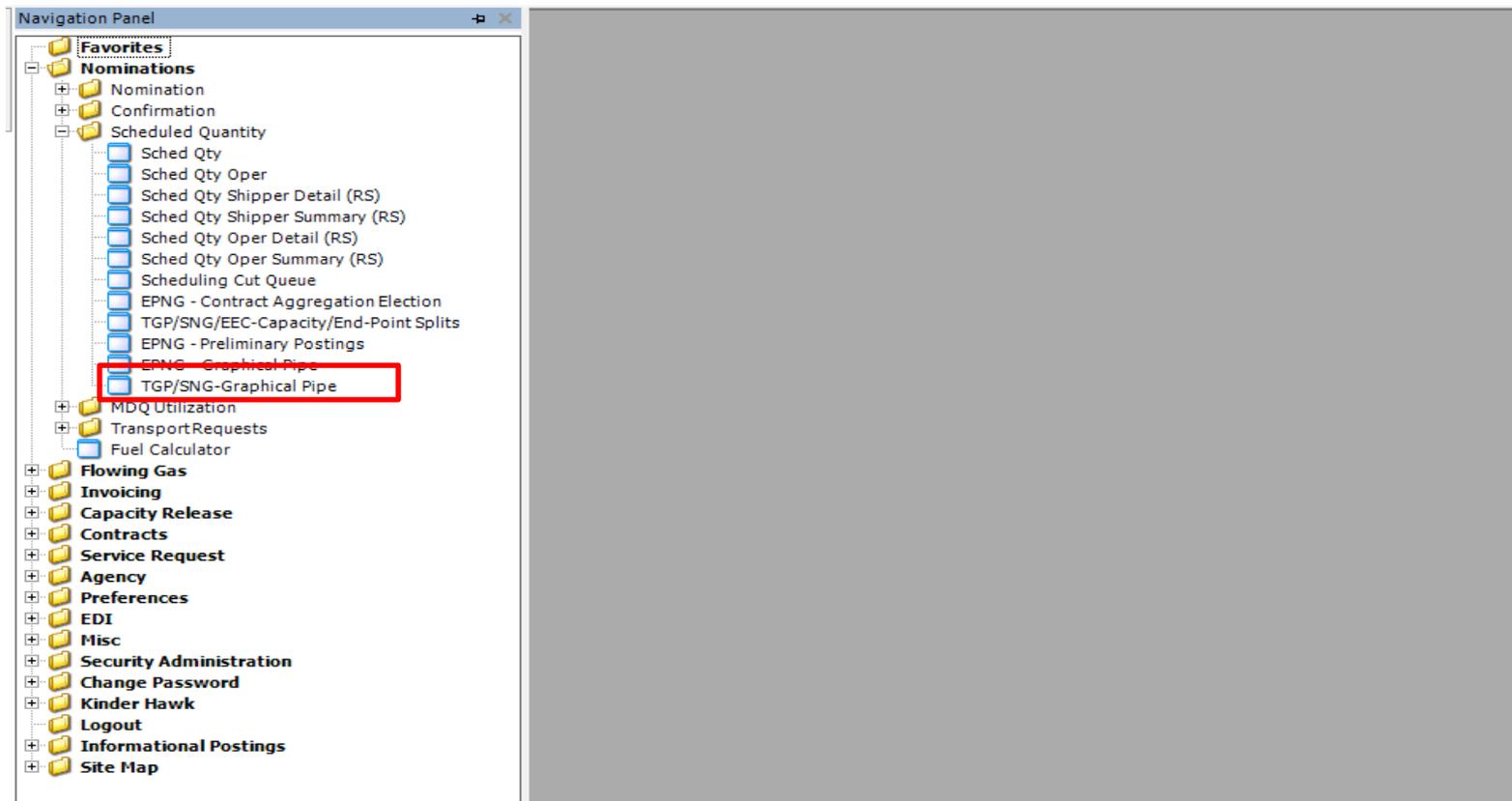
\*\*\*Pending FERC Approval

Note: Prelim cut report, EPSQ validation changes, Display maintenance on a map, and Post noms were also evaluated. Based on internal discussion and IT feedback, these items may be considered at a later time.

# Appendix

# DART – TGP Graphical Pipe

To access TGP graphical pipe, go to the Navigation Panel and click:  
*Nominations > Scheduled Quantity > TGP/SNG Graphical Pipe*



# DART – TGP Graphical Pipe

Select the date (today, tomorrow or yesterday), cycle, view options, and click 'Retrieve'

The screenshot displays the DART – TGP Graphical Pipe interface. At the top, there are input fields for Latitude and Longitude, a 'Retrieve' button (highlighted with a red box), and a 'Save' button. To the right, there are dropdown menus for 'Date' (set to 'TODAY') and 'Cycle' (set to 'TIMELY'), both also highlighted with red boxes. The main area is a map of the United States showing the Tennessee Gas Pipeline route, with various cities and states labeled. A legend titled 'TENNESSEE GAS PIPELINE' is located on the right side of the map, listing 'View Options' such as Segments, Locations, Pool Locations, Storage, Compressor Station, Interconnects, and Restricted Locations/Segments. Below the legend, there is a notice from Kinder Morgan, Inc. regarding Confidential Information and Disclaimer. At the bottom of the map, there is a footer with text: 'Baylor University, Duke University, Iowa State University, Kutztown University, NASA Wallops Flight Facility, New Mexico State University, North Carolina State University, Old Dominion University, Tuskegee University, UIWias... Powered by ESRI'.

# DART – TGP Graphical Pipe

By entering a meter number and clicking 'Locate PIN', you will see a red arrow displayed  
Additional pins can be added to the map one pin number at a time  
Click 'Clear All' to remove all pins

The screenshot displays the DART – TGP Graphical Pipe interface. At the top, there are input fields for Latitude and Longitude, along with buttons for Retrieve, Save, Clear, and a Date dropdown set to 'TODAY'. Below these are navigation tabs for Map, Location, Section, and Zone. The main map shows the Tennessee Gas Pipeline route across the Eastern United States, with various segments highlighted in different colors (blue, green, orange, pink). A red box highlights a specific location on the map near West Virginia, with a red arrow pointing to it. To the right of the map, there is a 'TENNESSEE GAS PIPELINE' panel with 'View Options' (View all, Segments, Locations, Pool Locations, Storage, Compressor Station, Interconnects, Restricted Locations/Segments) and a note: 'Use zoom feature to access all aspects of the interactive map.' Below this is a 'Notice' section with 'Confidential Information and Disclaimer' text. On the far right, a 'PIN Locator' field contains the number '400459', with a 'Locate PIN' button and a 'Clear All' button below it.

# DART – TGP Graphical Pipe

Latitude:   
Longitude:

Date:   
Cycle:

Map Location Section Zone

**TENNESSEE GAS PIPELINE**

**View Options**

- View all
- Segments
- Locations
- Pool Locations
- Storage
- Compressor Station
- Interconnects
- Restricted Locations/Segments

Use zoom feature to access all aspects of the interactive map.

PIN Locator:

**Notice**  
**Kinder Morgan, Inc.**  
**Confidential Information and Disclaimer**  
This map is intended for general illustrative purposes only. Kinder Morgan does not guarantee the accuracy of this map or information displayed thereon, nor does Kinder Morgan assume responsibility for any reliance thereon. In-Path determinations for scheduling or other purposes will be based on the information provided in the DART System under files -> Points in the Path. Recipient agrees not to copy, distribute or digitize this map without express consent from Kinder Morgan or its affected affiliates.

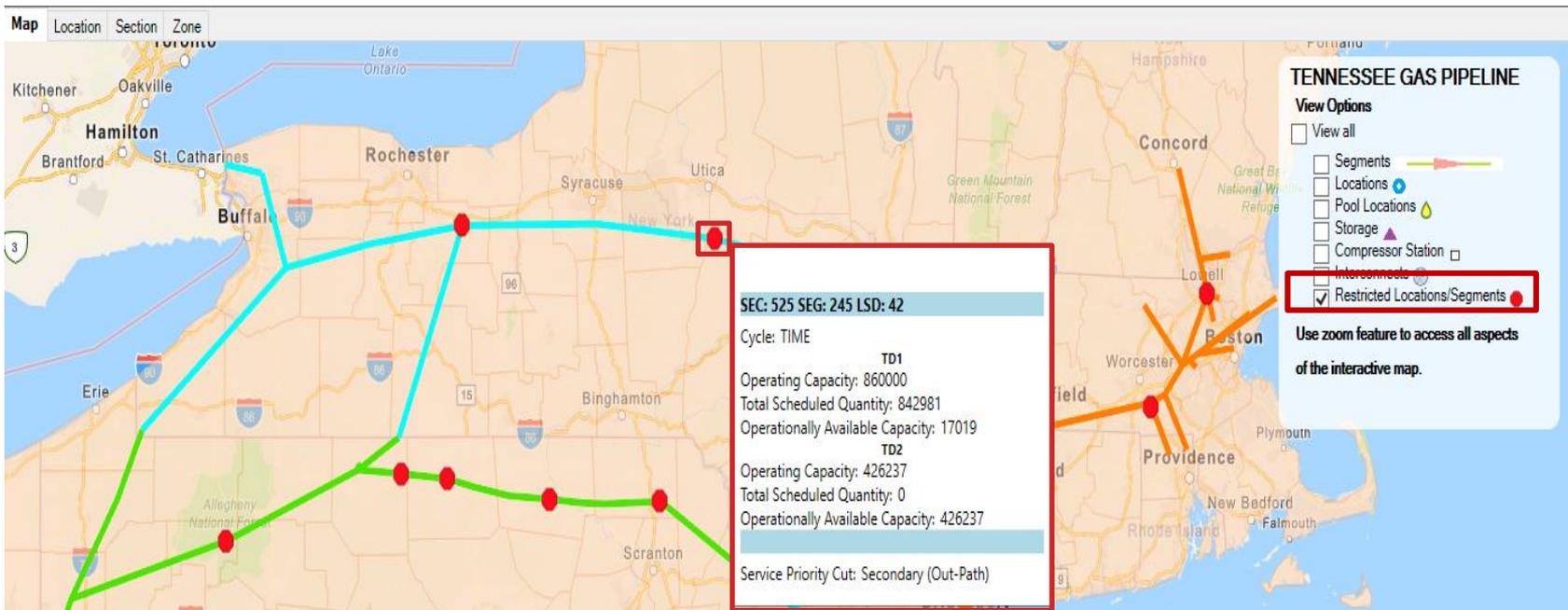
VGIN, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS  
Powered by ESRI

Helpful Hint: It may be necessary to zoom in to see located pin

# DART – TGP Graphical Pipe

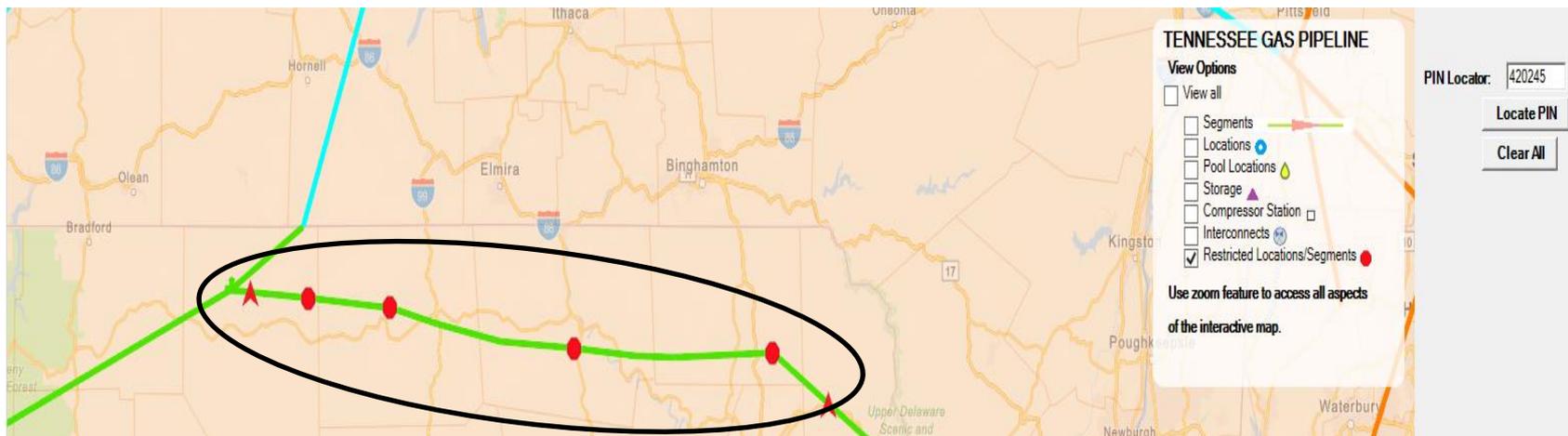
In View Options, select 'Restricted Locations/Segments'

By hovering over a restricted segment (Ex. Seg 245), capacity and restriction information from the OAC will be displayed



## Using Graphical Pipe as a pathing strategy

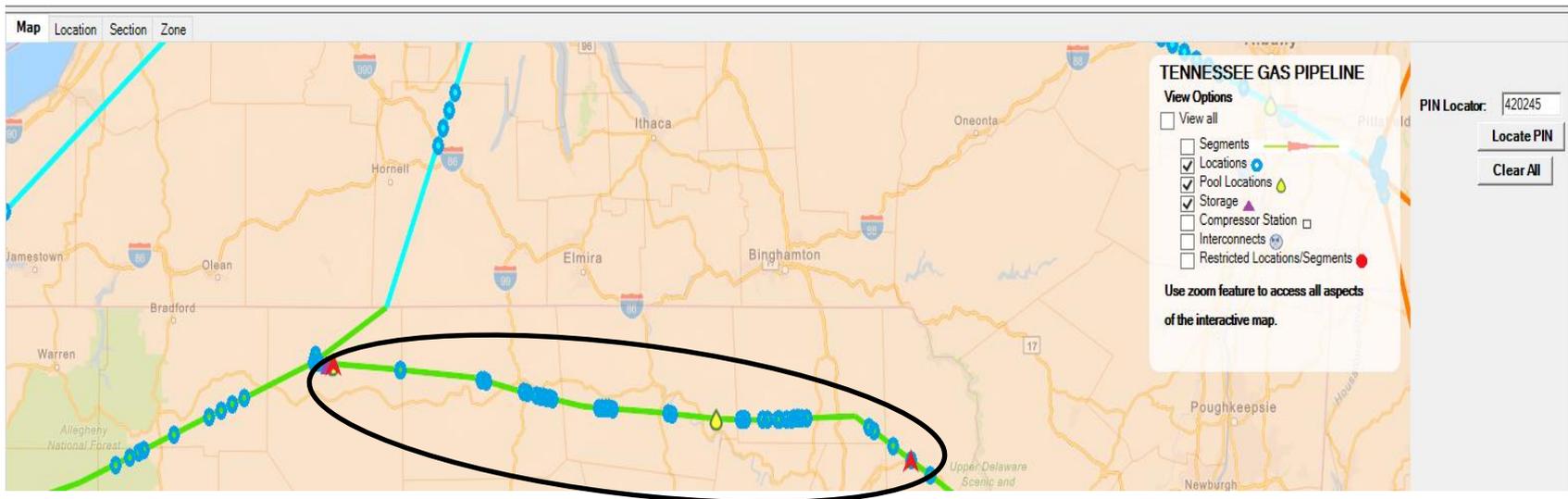
- Plot interested meters using 'PIN Locator'  
In this example we used zone 4 300 pool meter 420891 and Columbia Milford Meter 420245
- Then under View Options, select 'Restricted Locations/Segments'
- The result will show restrictions between the two meters for the date/cycle set in header  
In this example you will see red restriction markers for Segment 314, 315, 321 and Location 48061 between 300 pool and Milford



# DART – TGP Graphical Pipe

## Using Graphical Pipe as a visual tool for points in the path

- Plot interested meters using 'PIN Locator'  
In this example we used zone 4 300 pool meter 420891 and Columbia Milford Meter 420245
- Then under View Options, select 'Locations', 'Pool Locations', and 'Storage'
- See all points in pathing order



- With 'Locations' option selected and zoom in feature, all meters on the pipeline are visible and in pathing order
- Hover tool allows pop up box with important information including capacities for restrictions, segments, and meters, to be viewed easily
- Plotting meters and choosing restriction locations simultaneously, allows a visual tool for pathing strategy