



TGP Outages **May, June, July and August**

Customer Meeting via MS Teams

May 21, 2024

Presented by TGP Gas Operations

KINDER  MORGAN

Agenda

■ Review of Upcoming Outages

- Remainder of May
- June
- July
- August
- Arlington Storage Company
- Stagecoach Pipeline & Storage Co
- Twin Tier Pipeline

■ Q&A



Disclaimers

- **Anticipated Impacts are estimates. Actual nominations, market demand, weather and pipeline conditions, etc. will determine if, and through what level, restrictions become necessary.**
- **Unless otherwise stated, all scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).**

Disclaimers

- **Scheduled dates are subject to change.**
- **Projects may be added, altered, delayed or cancelled.**
- **TGP will provide notice of such additions or changes via DART postings.**
- **This presentation contains only the impactful scheduled outages – this presentation does not include all scheduled maintenance as posted within the Maintenance spread sheet on the EBB.**
- **Dates posted on DART should be deemed correct in the event of conflicts between DART posted dates and dates within this presentation.**

Color Key for Maps

■ Yellow

- Restrictions are possible, but not likely
- With extended duration, restrictions could be necessary from time to time
- (M) denotes that meter(s) may be impacted, refer to EBB posting

■ Red

- Restrictions are probable


■ Purple

- Primary restrictions may be necessary

Tennessee Gas Pipeline EBB



<https://pipeportal.kindermorgan.com/PortalUI/DefaultKM.aspx?TSP=TGPD>



Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

Monitor Website Daily for Pipeline System Changes

Interstate ▾
Other ▾
Midstream ▾
Informational Postings ▾
Customer Information ▾
Contact Us
Login ▾

Recent Notices (See Info Postings for all notices)

OFO
Mar 29 Ofocriticalday1 Ds 245&321 Lifted 3-30
Mar 25 Ofocriticalday1 East Of 245&321 Eff 3-28

Planned Service Outage
Apr 05 Sta 500_1 To Sta 823 Pig
Mar 31 Tgp Outage Impact Report

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Capacity Constraints/FMJ

Other Critical
Apr 05 Restrictions For 04-05-2022 Id3
Apr 05 Restrictions For 04-06-2022 Ec

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Non-Critical Notices
Apr 05 Market Net Pipeline Position Notice
Apr 05 Supply Net Pipeline Position Notice

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Open Seasons (See Info Postings for all notices)

Mar 11 Available Firm Capacity Os #1336
Mar 11 Available Firm Capacity Os #1336
Mar 10 Available Firm Capacity - Os #1335

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[Open Season Documents](#)

Service Programs

No Service Programs

Other Postings

All Notices
[Critical Notices](#)
[Non-Critical Notices](#)
[Operating Information](#)
[Outage Impact Report](#)
[Maintenance Outages \(Excel\)](#)

Other Information
[Training Documents \(DART\)](#)
[Training Videos \(DART\)](#)
[System Maps](#)

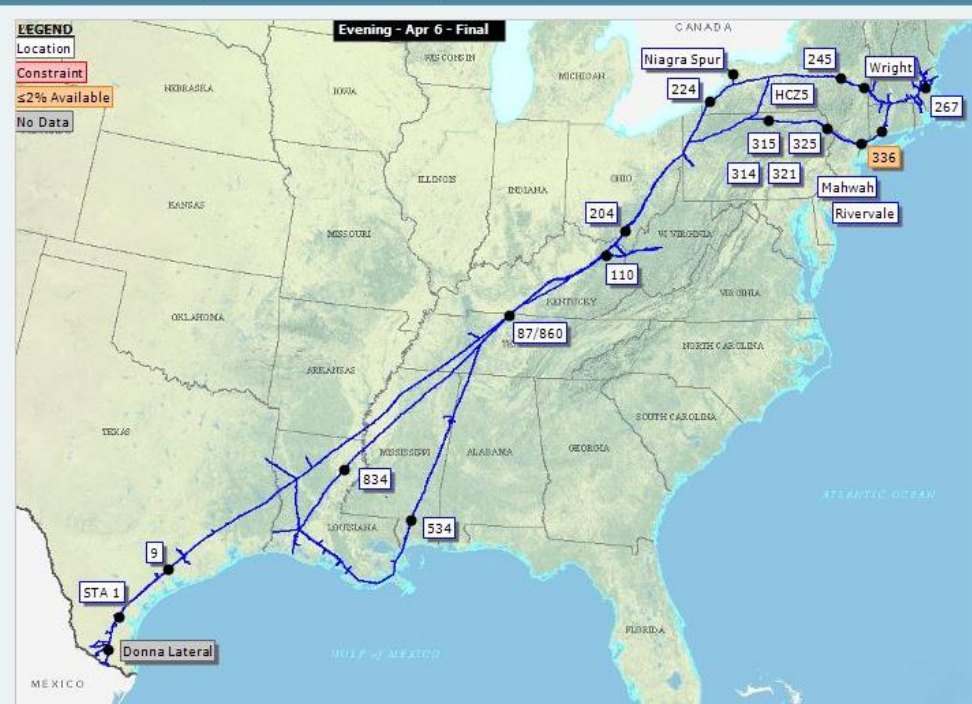
System Constraints (mouse over the map hotspots to view data)

Highlight Locations ▾
Locs At/Near Capacity

Current Gas Day
Tomorrow's Gas Day

LEGEND
Location
Constraint
≤2% Available
No Data

Evening - Apr 6 - Final



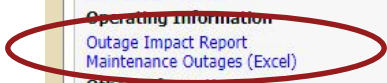
DISCLAIMER: The summary information contained in this graphical display is a sampling of points for informational purposes only. This display should not be relied on by shippers in making or confirming commercial transactions. For a listing of available capacity, please go to the capacity link under Informational Postings.

Weather Forecast data from weather.gov

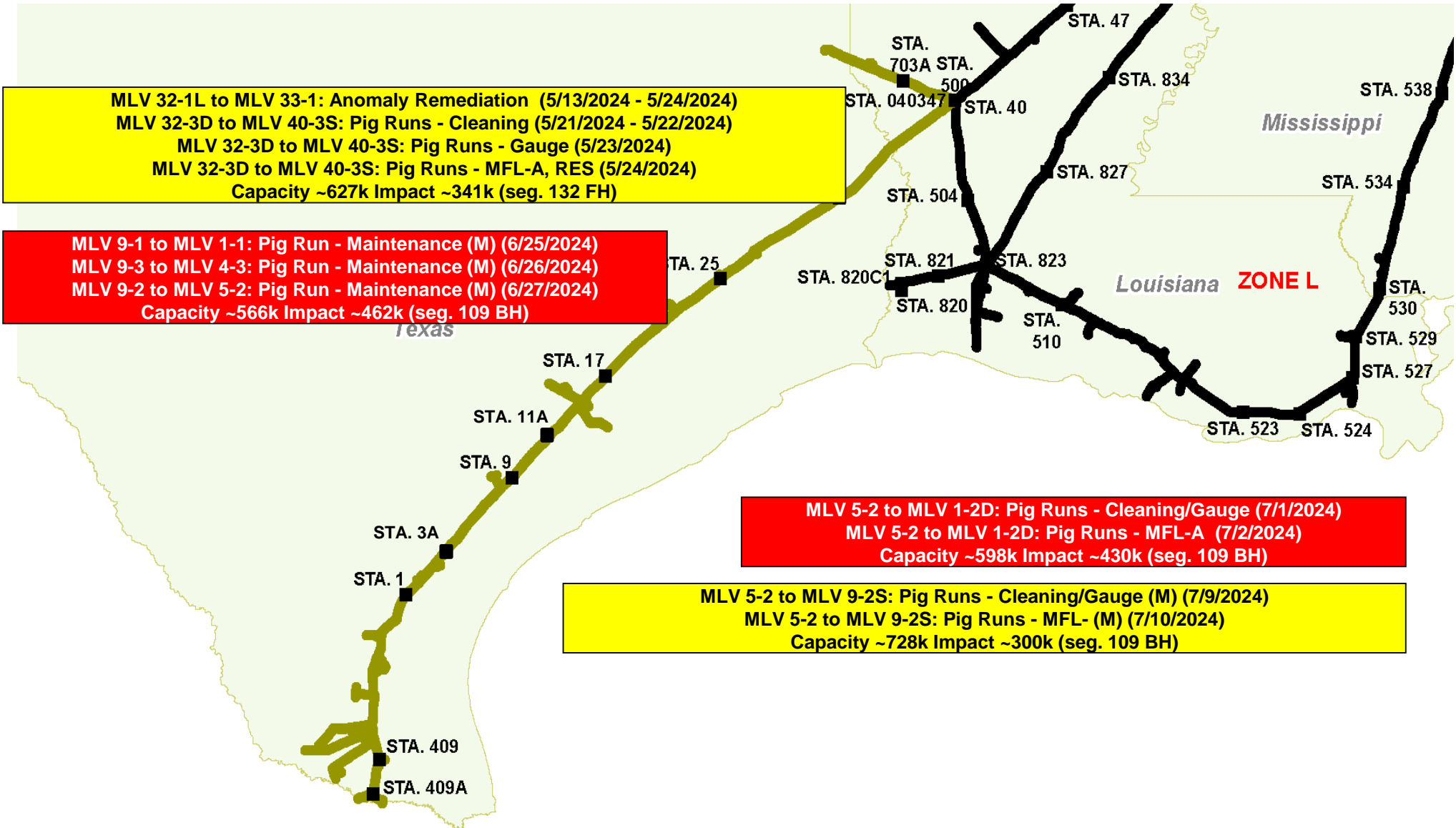
- [Boston](#)
- [Buffalo](#)
- [Hartford](#)
- [New York](#)
- [Pittsburgh](#)

On Call Assistance

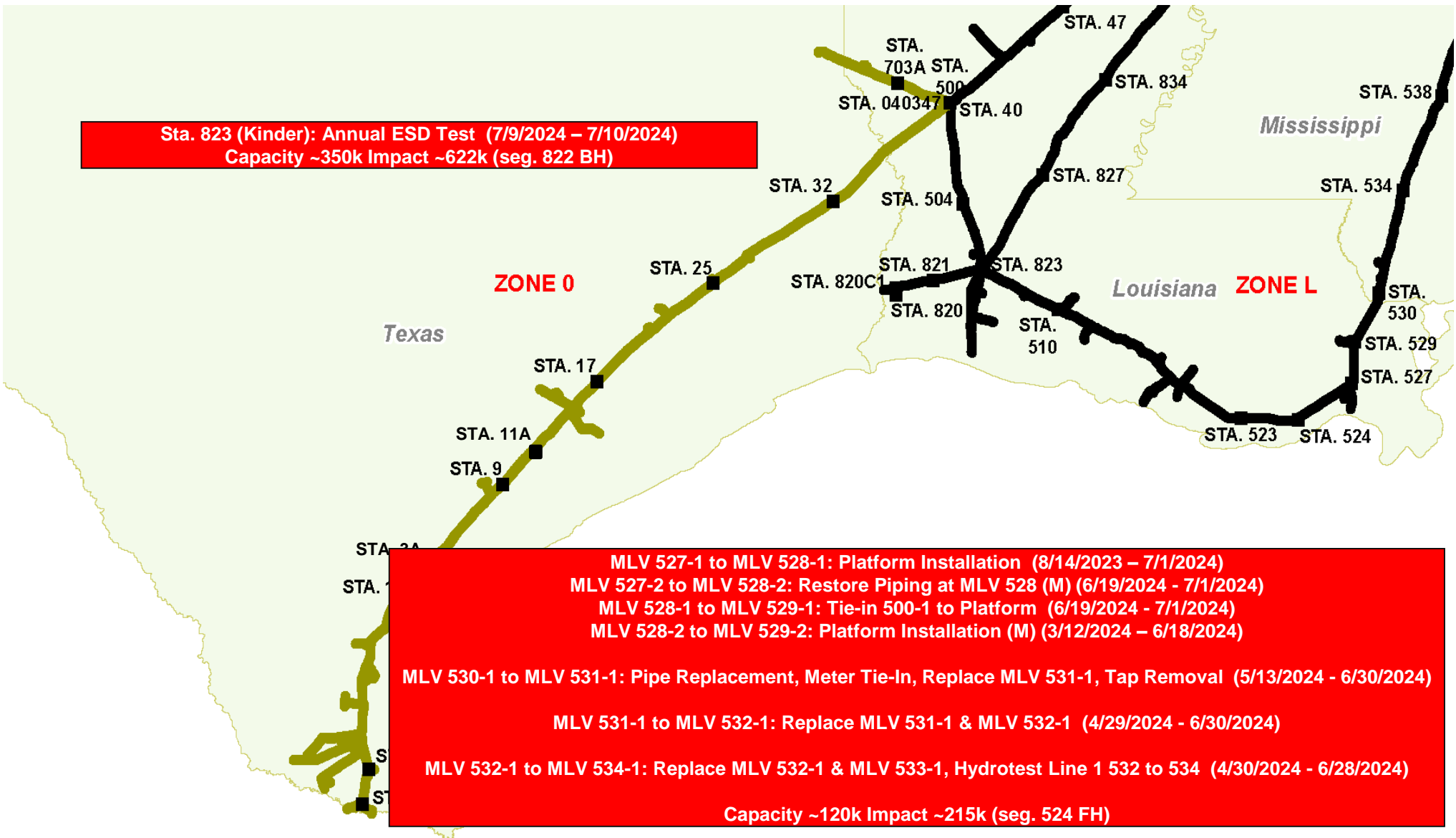
Commercial Hotline	(713) 420-4135
Scheduling Hotline	(713) 420-4999
Gas Control Hotline	(800) 231-2800
Contract Mgmt. Hotline	(713) 420-3434
<input type="checkbox"/> Email Us	



Zone 0 (May - August)



Zone L (May - August)



Zone 1 (May - August)

Sta 563 Joelton: Annual ESD Test (6/27/2024)
Sta 563: Quarterly Safety Checks (6/3/2024 - 6/7/2024)
Sta 563: Hydraulic Heater Inspection & Valve Replacement (7/8/2024 - 7/15/2024)
Sta 563: Scrubber Filter Inspection/Change Out (7/15/2024 - 7/18/2024)

MLV 563-1 to MLV 564-1: Class Change (5/21/2024 - 6/4/2024)
Sta 860: Force Majeure (8/18/2023 - TBD)
Capacity ~1390k impact ~410k (seg. 860 BH)

MLV 562-1 to MLV 563-1: Class Change (8/20/2024 - 9/3/2024)
MLV 564-1 to MLV 565-1: Class Change (6/11/2024 - 7/30/2024)
Sta 860: Force Majeure (8/18/2023 - TBD)
Capacity ~1530k impact ~270k (seg. 860 BH)

MLV 552-2 to MLV 554-2: MLV 553-2 Replacement (5/28/2024 - 6/3/2024)
MLV 553-2 to MLV 555-2: MLV 554-2 Replacement (5/28/2024 - 6/3/2024)

MLV 555-1 to MLV 550-1: Pig Runs - Cleaning (6/18/2024)
MLV 555-1 to MLV 550-1: Pig Runs - Caliper/IMU (6/20/2024)
MLV 555-1 to MLV 550-1: Pig Runs - MFL-C (6/24/2024)
MLV 555-1 to MLV 550-1: Pig Runs - EMAT (6/26/2024)
Capacity ~1390k impact ~133k (seg. 548 BH)

MLV 550-2 to MLV 552-2: MLV 551-2 Replacement (6/4/2024 - 6/11/2024)
MLV 551-2 to MLV 553-2: MLV 552-2 Replacement (6/4/2024 - 6/11/2024)
Capacity ~700k impact ~823k (seg. 548 BH)

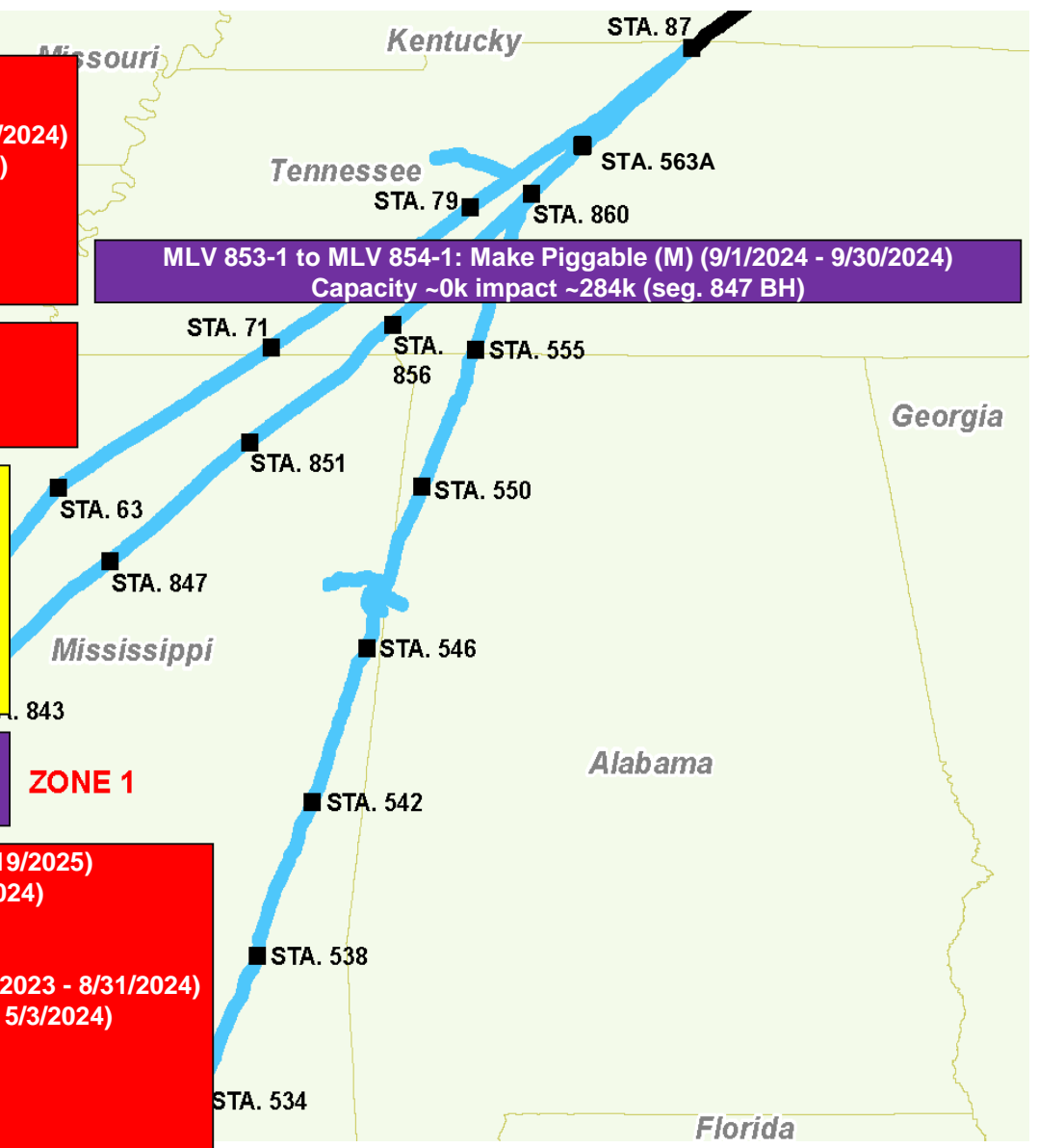
MLV 535-1A to MLV 536-1: Anomaly Remediation (10/25/2023 - 1/19/2025)
MLV 542-1 to MLV 543-1: Drip Replacement (5/28/2024 - 6/7/2024)

Sta 542: Unit 3A - Overhaul (2/12/2024 - 8/31/2024)
Sta 542: Unit 4A - Replace Compressor Heads & Engine Inspection (11/30/2023 - 8/31/2024)
Sta 542: Units 2A - Unit Compressor Valve Inspections (2/12/2024 - 5/3/2024)

Sta 546: Unit 3A - Overhaul (2/15/2024 - 9/30/2024)

Capacity ~875k impact ~730k (seg. 542 BH)

MLV 853-1 to MLV 854-1: Make Piggable (M) (9/1/2024 - 9/30/2024)
Capacity ~0k impact ~284k (seg. 847 BH)



ZONE 1

Zone 2 & 3 (May - August)

MLV 101-5 to MLV 102-5: Tie-In to Line 5 (7/26/2024 - 8/2/2024)
 Sta 106: Unit 1C - Replace Power Cylinder Head Gasket / Packing Case (7/22/2024 - 7/25/2024)
 Sta 106: Unit 2D - 8k Hr Inspection (7/23/2024 - 7/25/2024)
 Sta 110 Morehead: Annual ESD Test & Substation Inspection (7/15/2024 - 7/19/2024)

Capacity ~2280k Impact ~350k (seg. 187 BH)

MLV 101-5 to MLV 102-5: Tie-In to Line 5 (7/26/2024 - 8/2/2024)
 MLV 103-4 to MLV 104-4: Class Change (6/11/2024 - 7/2/2024)
 MLV 868-1 to MLV 869-1: Class Change (6/11/2024 - 7/29/2024)
 MLV 872-2 to MLV 873-2: Anomaly Remediation (6/24/2024 - 7/3/2024)

Capacity ~2350k Impact ~280k (seg. 187 BH)

MLV 106-5L to MLV 107-5: Anomaly Remediation (6/3/2024 - 6/8/2024)
 MLV 97-5 to MLV 98-5: Class Change (5/9/2024 - 6/7/2024)
 Sta 106 Clay City: Annual ESD Test & Maintenance (6/3/2024 - 6/7/2024)
 Sta 871 Campbellsville: Annual ESD Test (6/4/2024 - 6/6/2024)

Capacity ~1900k Impact ~730k (seg. 187 BH)

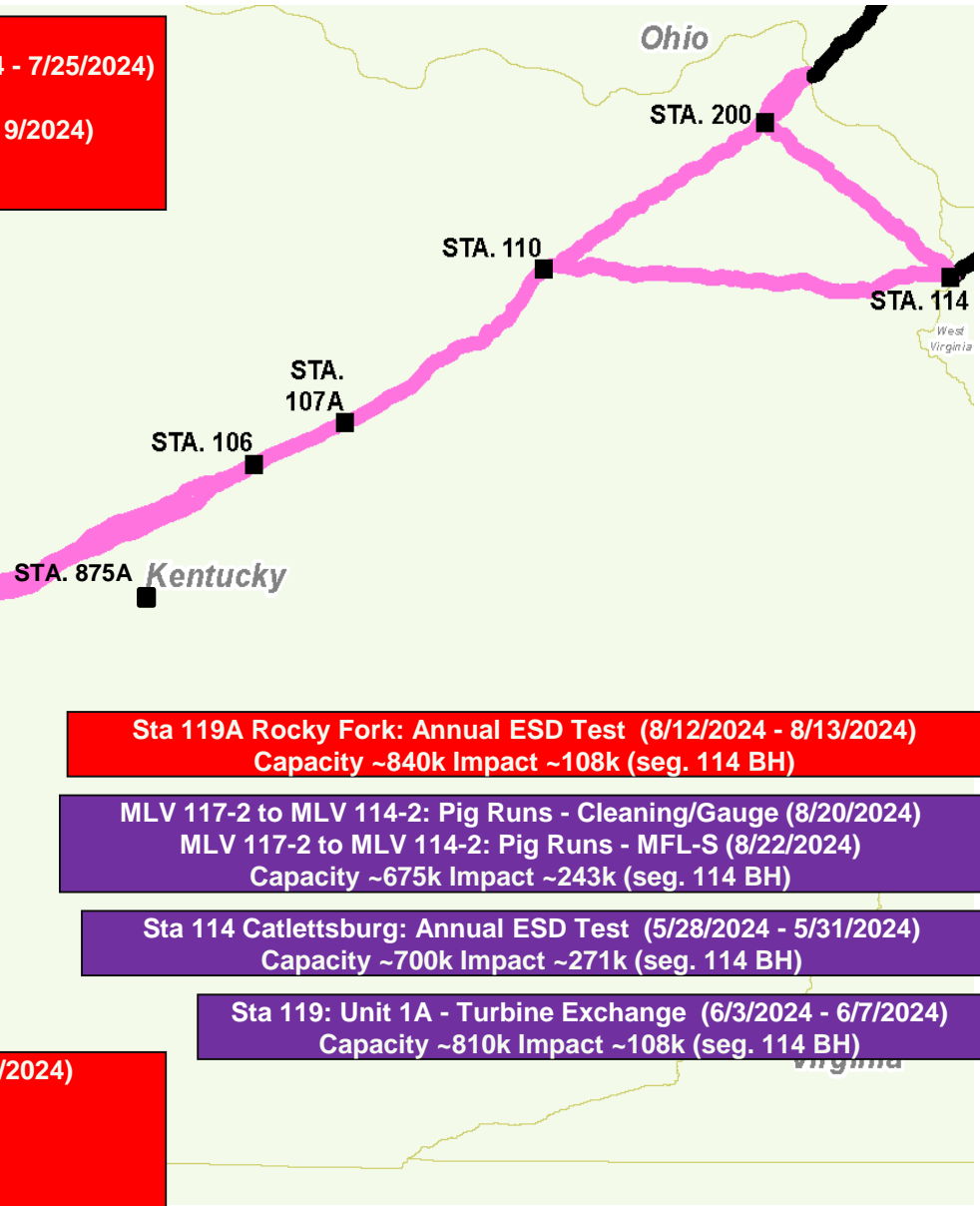
Sta 87 Portland: Annual ESD Test (8/7/2024)
 Capacity ~2115k Impact ~515k (seg. 187 BH)

Sta 110: ESD Modification (5/15/2024 - 5/30/2024)
 Sta 875: Unit 1A - Turbine Exchange (5/20/2024 - 5/25/2024)
 Sta 96 Campbellsville: Annual ESD Test (5/21/2024 - 5/22/2024)
 MLV 97-5 to MLV 98-5: Class Change (5/9/2024 - 6/7/2024)

Capacity ~2015k Impact ~615k (seg. 187 BH)

MLV 96-2D to MLV 97-2: Immediate Anomaly Remediation (5/14/2024 - 5/31/2024)
 MLV 97-5 to MLV 98-5: Class Change (5/9/2024 - 6/7/2024)
 Sta 110: ESD Modification (5/15/2024 - 5/30/2024)
 Sta 871: Unit 3A engine overhaul (4/1/2024 - 5/31/2024)

Capacity ~2190k Impact ~440k (seg. 187 BH)



Sta 119A Rocky Fork: Annual ESD Test (8/12/2024 - 8/13/2024)
 Capacity ~840k Impact ~108k (seg. 114 BH)

MLV 117-2 to MLV 114-2: Pig Runs - Cleaning/Gauge (8/20/2024)
 MLV 117-2 to MLV 114-2: Pig Runs - MFL-S (8/22/2024)
 Capacity ~675k Impact ~243k (seg. 114 BH)

Sta 114 Catlettsburg: Annual ESD Test (5/28/2024 - 5/31/2024)
 Capacity ~700k Impact ~271k (seg. 114 BH)

Sta 119: Unit 1A - Turbine Exchange (6/3/2024 - 6/7/2024)
 Capacity ~810k Impact ~108k (seg. 114 BH)

Zone 4 (May - August)

MLV 307-1 to MLV 219-2: Pig Runs - Caliper/IMU (M) (5/29/2024)
MLV 307-2 to MLV 219-3: Pig Runs - Cleaning (5/16/2024)
MLV 307-2 to MLV 219-3: Pig Runs - MFL (5/21/2024)
MLV 307-2 to MLV 219-3: Pig Runs - EMAT (5/23/2024)
MLV 307-2 to MLV 219-3: Pig Runs - Caliper/IMU (5/31/2024)
Sta 310: Unit 1A - Power Supply and Unit Updates (5/20/2024 - 5/21/2024)
Capacity ~340k impact ~814k (seg. 307 BH)

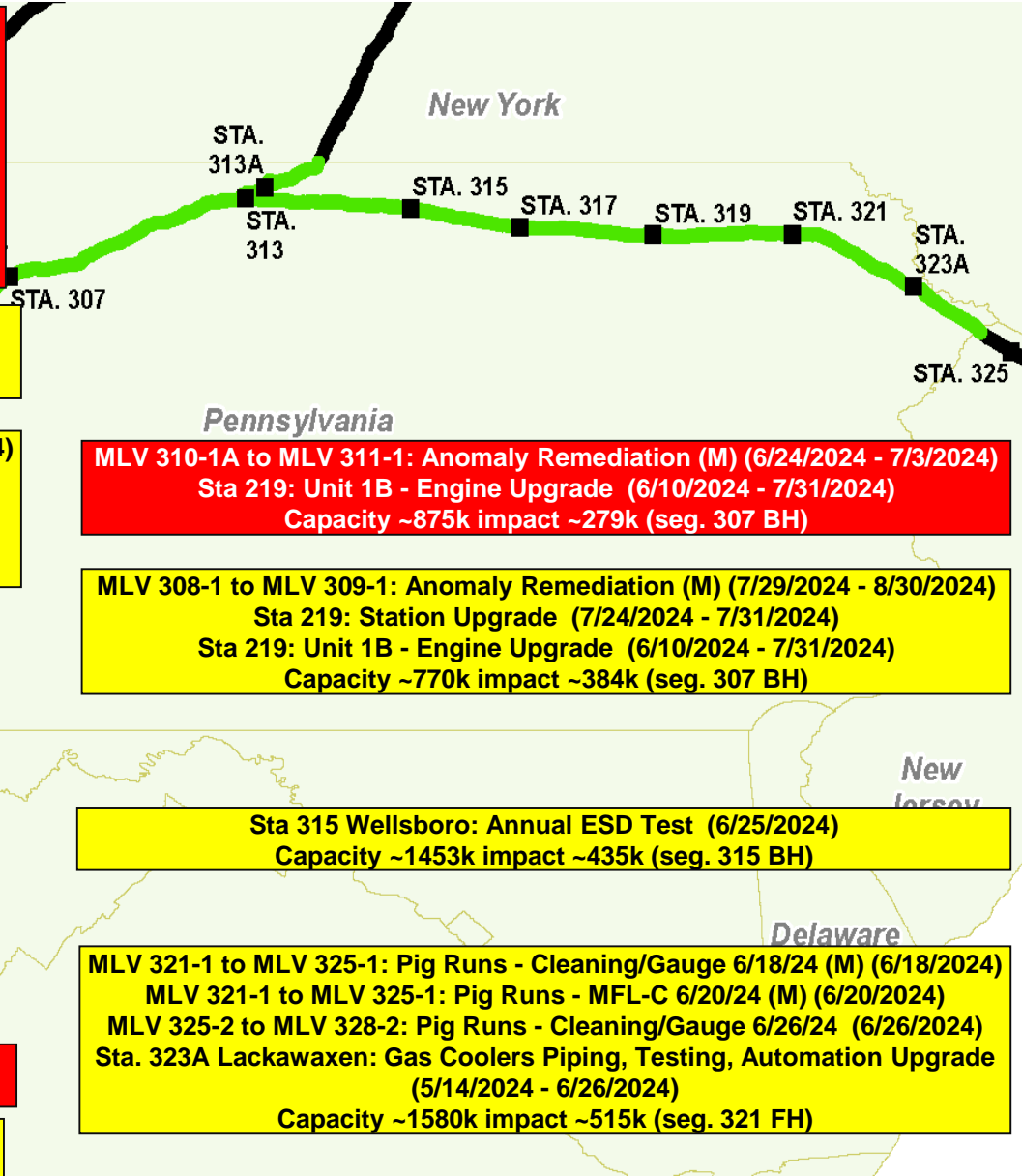
MLV 307-1 to MLV 219-2: Pig Runs - Caliper/IMU (M) (5/29/2024)
MLV 307-2 to MLV 219-3: Pig Runs - EMAT (M) (5/31/2024)
Capacity ~704k impact ~450k (seg. 307 BH)

MLV 310-1A to MLV 311-1: Anomaly Remediation (M) (7/22/2024 - 7/27/2024)
MLV 313-2 to MLV 307-2: Pig Runs - Cleaning (7/23/2024)
MLV 313-2 to MLV 307-2: Pig Runs - MFL (7/25/2024)
Sta 219: Station Upgrade (7/24/2024 - 7/31/2024)
Capacity ~890k impact ~264k (seg. 307 BH)

MLV 201-4 to MLV 202-4: Anomaly Remediation (6/10/2024 - 6/21/2024)
MLV 205-2 to MLV 206-2: Anomaly Remediation (6/10/2024 - 6/18/2024)
Sta 200 Greenup: Annual ESD Test (6/11/2024 - 6/14/2024)
Sta 204: Auxiliary Equipment Upgrade (6/3/2024 - 6/7/2024)
Sta 204: Unit 11A - Controls Upgrade (6/10/2024 - 6/16/2024)
Sta 214: Annual ESD Test & Maintenance (6/10/2024 - 6/14/2024)
Capacity ~1295k impact ~532k (seg. 204 BH)

MLV 110-5 to MLV 111-5A: Anomaly Remediation (6/24/2024 - 6/29/2024)
Capacity ~1025k impact ~740k (seg. 200 BH)

MLV 111-3 to MLV 111-3A: Anomaly Remediation (5/28/2024 - 6/1/2024)
MLV 111-3A to MLV 111-3R: Anomaly Remediation (5/28/2024 - 6/1/2024)
Capacity ~1260k impact ~505k (seg. 200 BH)



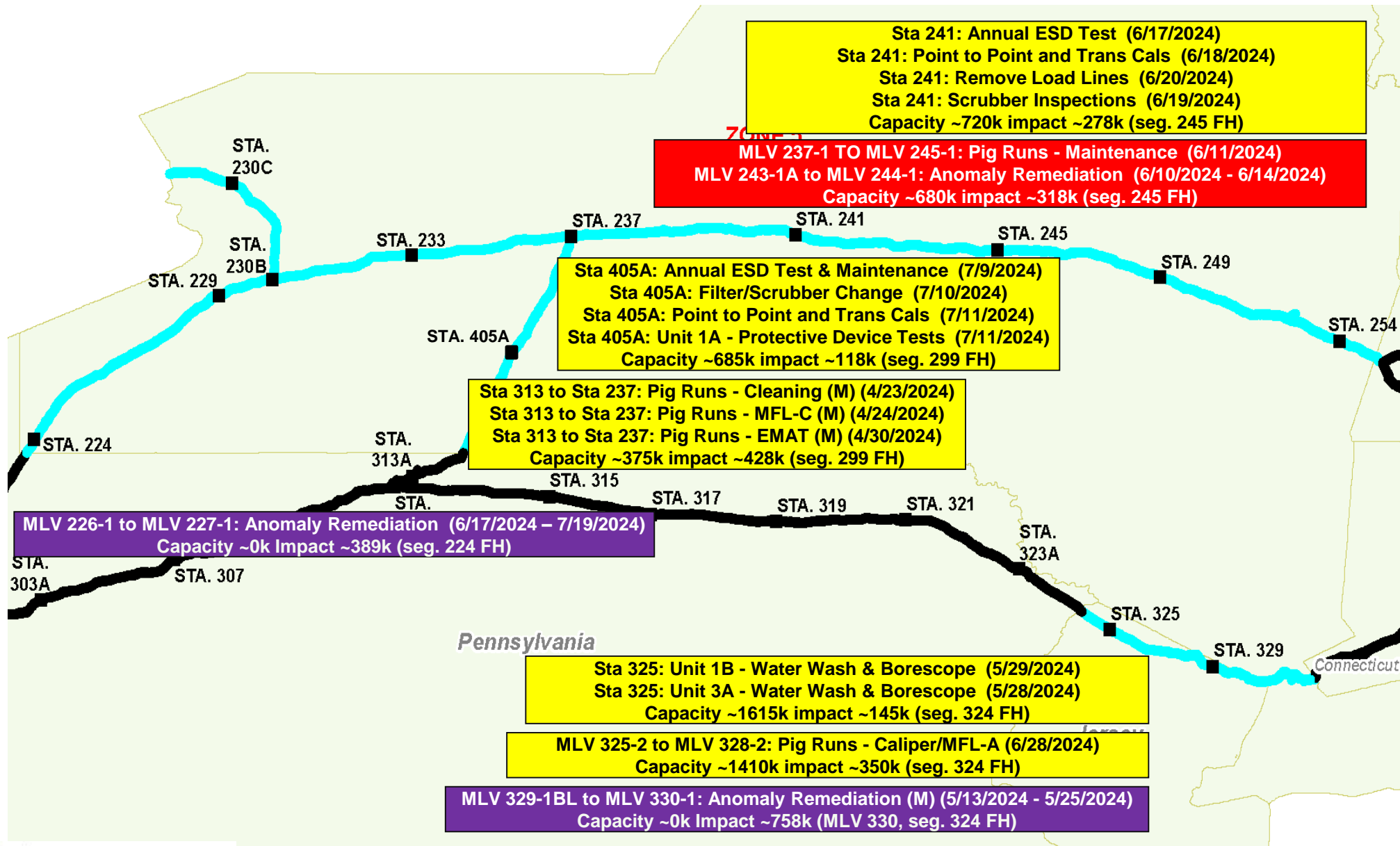
MLV 310-1A to MLV 311-1: Anomaly Remediation (M) (6/24/2024 - 7/3/2024)
Sta 219: Unit 1B - Engine Upgrade (6/10/2024 - 7/31/2024)
Capacity ~875k impact ~279k (seg. 307 BH)

MLV 308-1 to MLV 309-1: Anomaly Remediation (M) (7/29/2024 - 8/30/2024)
Sta 219: Station Upgrade (7/24/2024 - 7/31/2024)
Sta 219: Unit 1B - Engine Upgrade (6/10/2024 - 7/31/2024)
Capacity ~770k impact ~384k (seg. 307 BH)

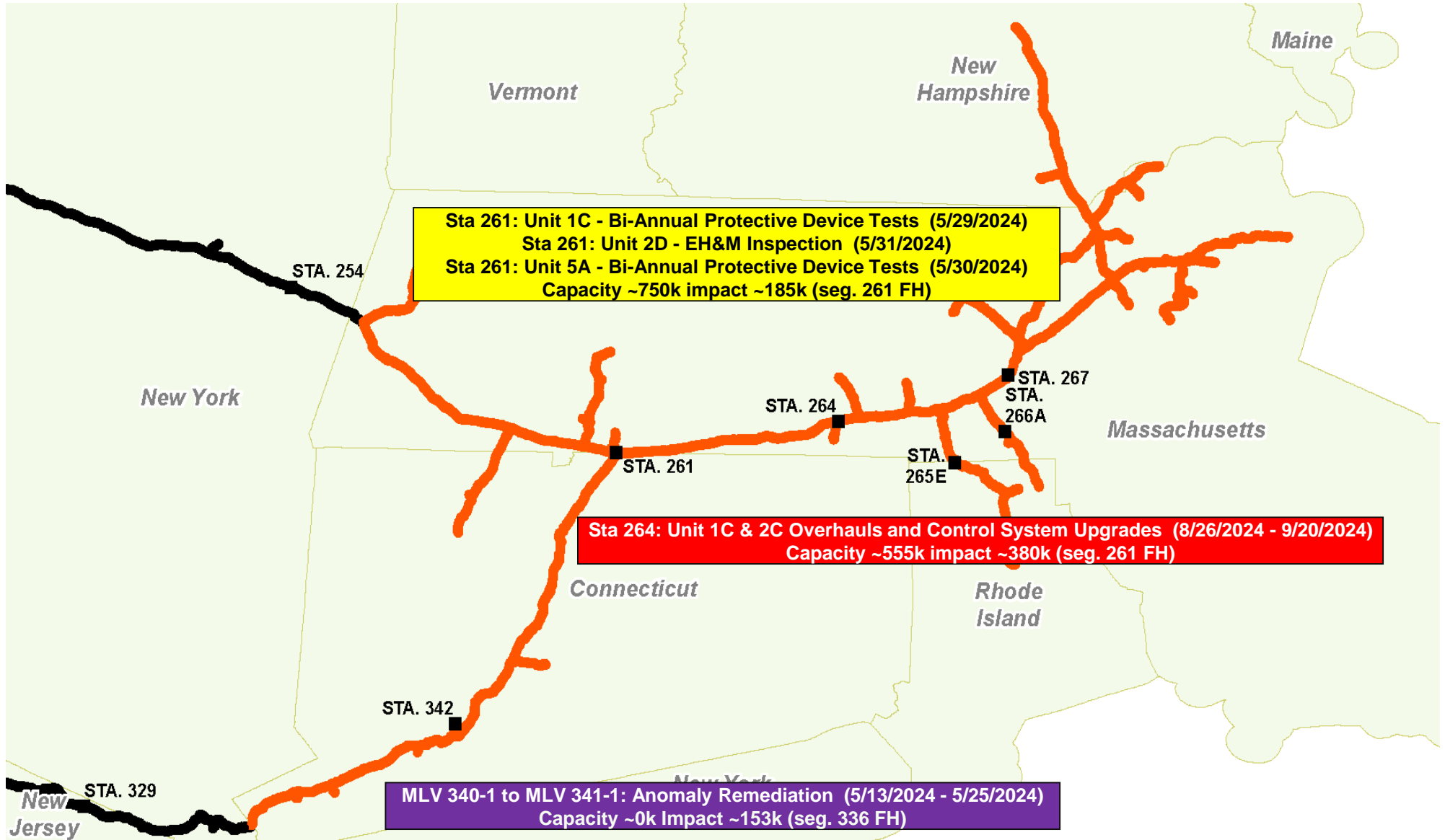
Sta 315 Wellsboro: Annual ESD Test (6/25/2024)
Capacity ~1453k impact ~435k (seg. 315 BH)

MLV 321-1 to MLV 325-1: Pig Runs - Cleaning/Gauge 6/18/24 (M) (6/18/2024)
MLV 321-1 to MLV 325-1: Pig Runs - MFL-C 6/20/24 (M) (6/20/2024)
MLV 325-2 to MLV 328-2: Pig Runs - Cleaning/Gauge 6/26/24 (6/26/2024)
Sta. 323A Lackawaxen: Gas Coolers Piping, Testing, Automation Upgrade (5/14/2024 - 6/26/2024)
Capacity ~1580k impact ~515k (seg. 321 FH)

Zone 5 (May - August)

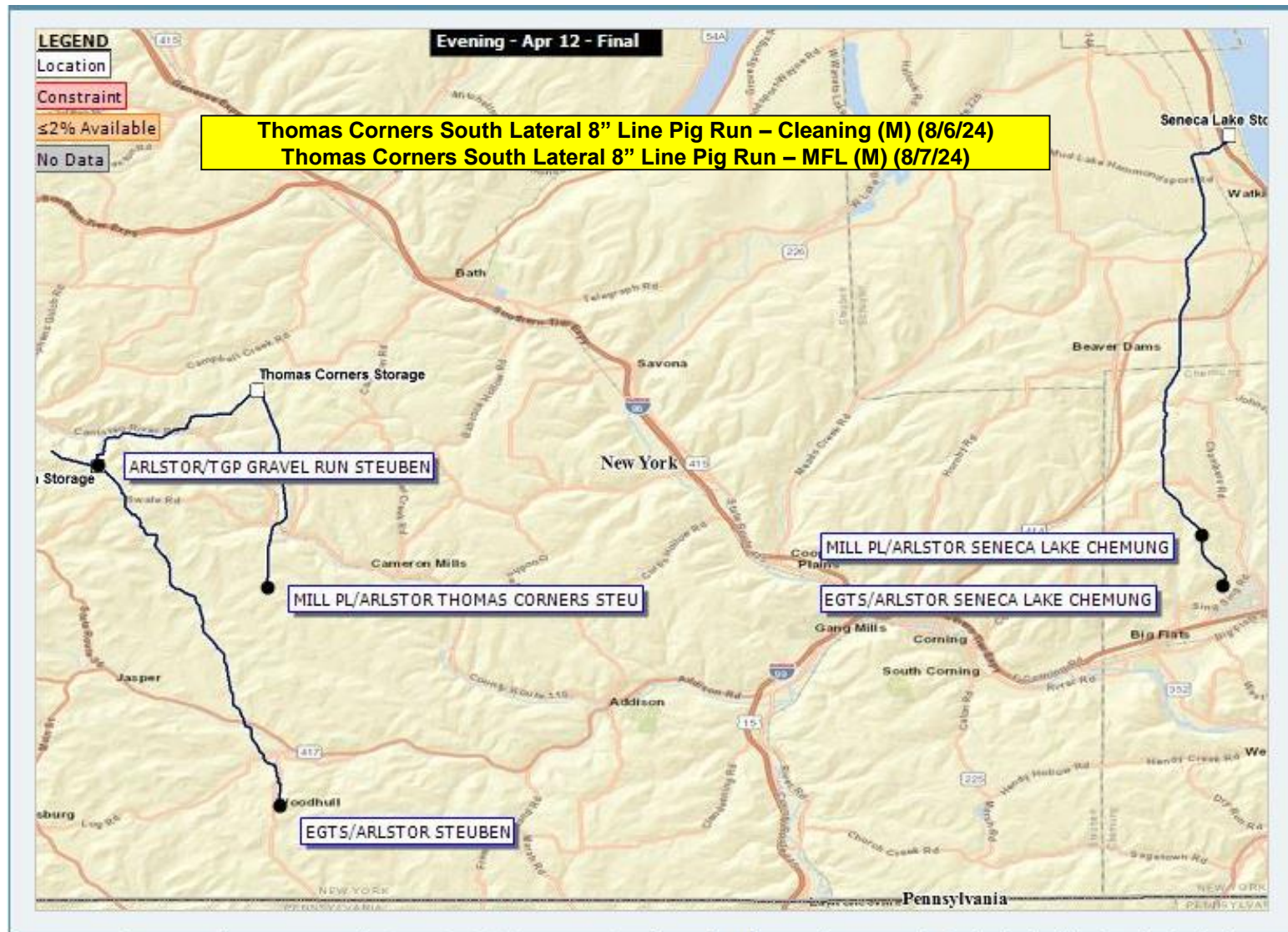


Zone 6 (May - August)



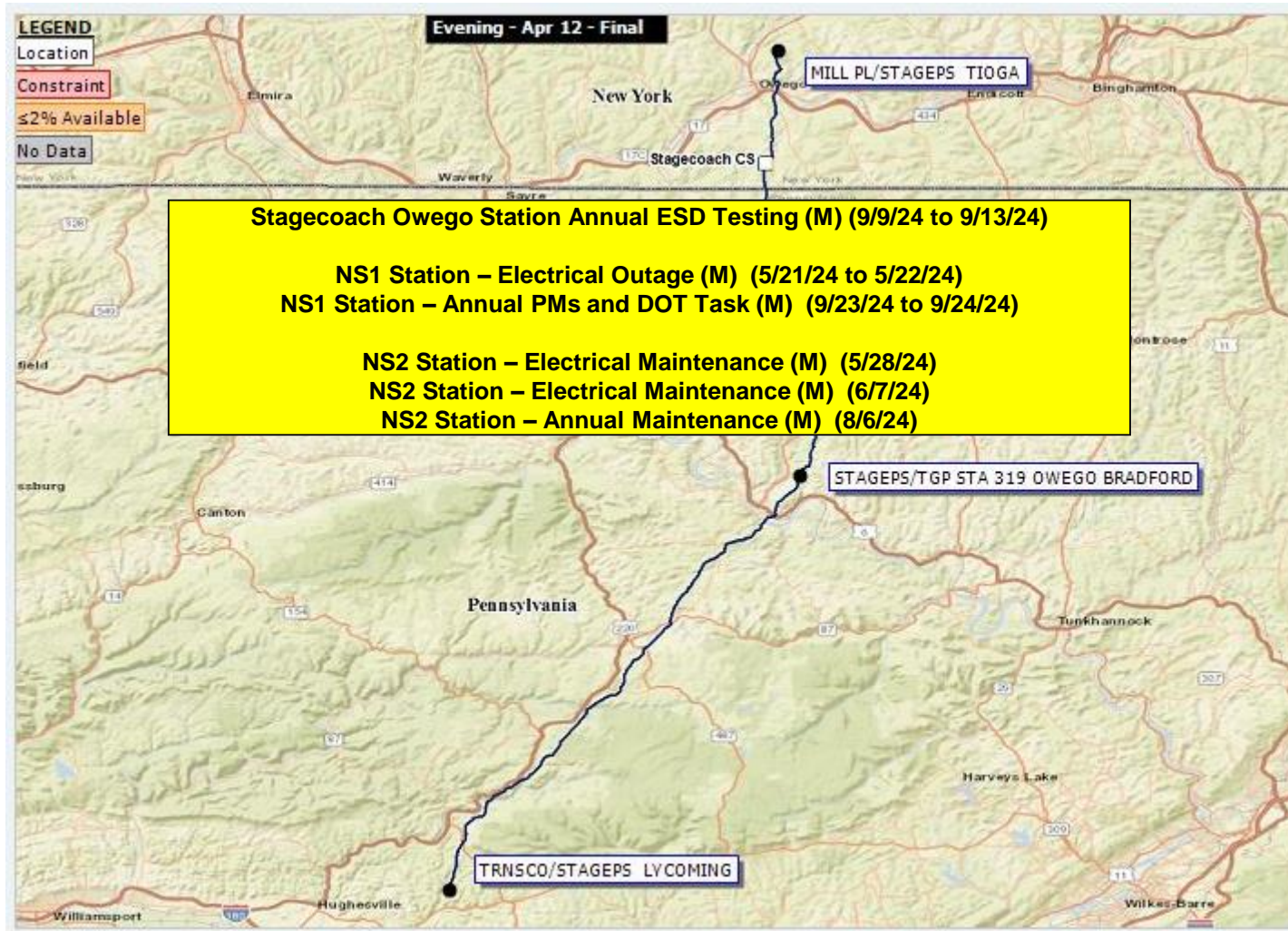
Arlington Storage Company

<https://pipeportal.kindermorgan.com/PortalUI/DefaultKM.aspx?TSP=ARLS>



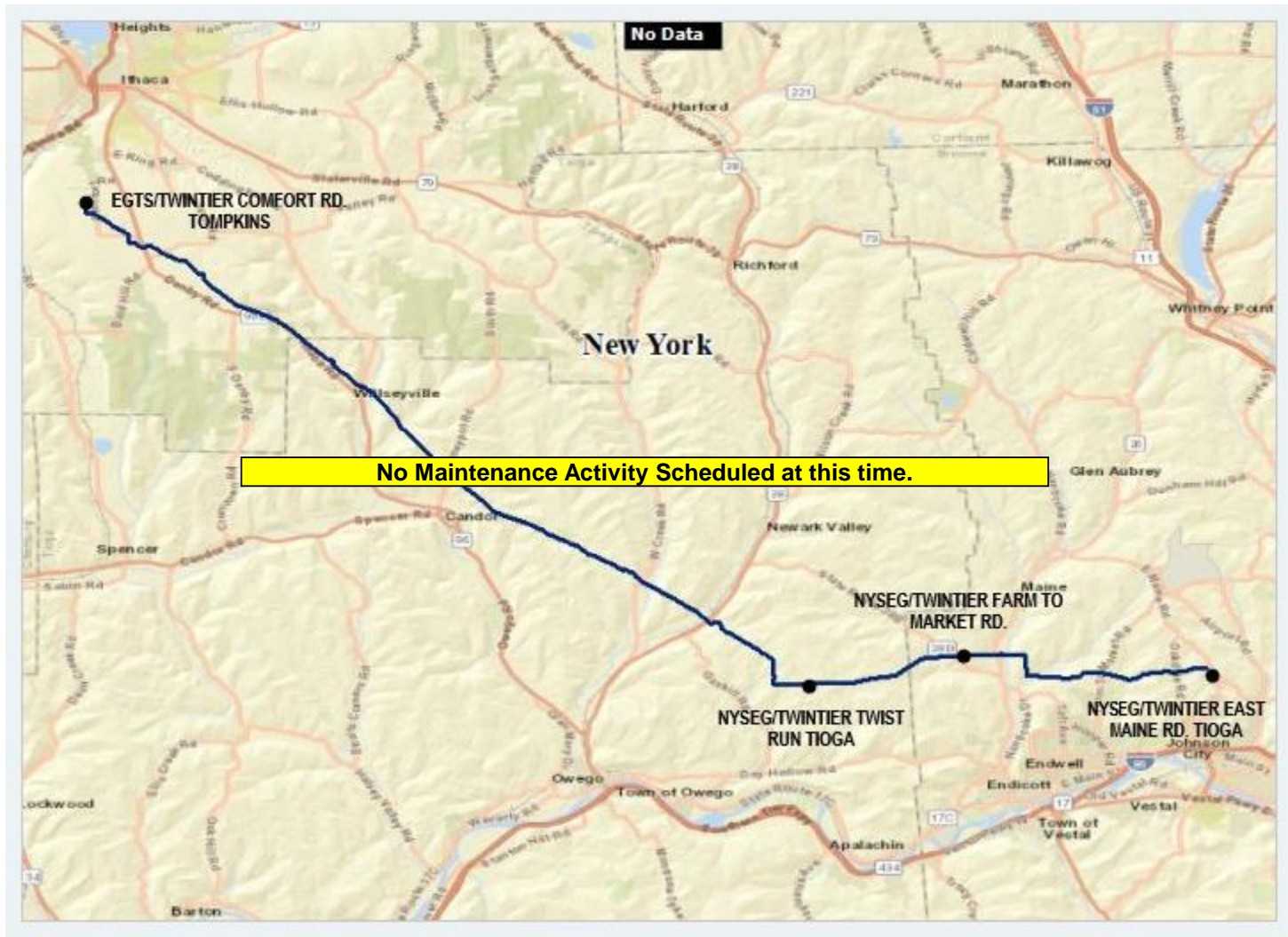
Stagecoach Pipeline & Storage Co

<https://pipeportal.kindermorgan.com/PortalUI/DefaultKM.aspx?TSP=STAG>



Twin Tier Pipeline

<https://pipeportal.kindermorgan.com/PortalUI/DefaultKM.aspx?TSP=TTP>



We welcome your feedback/questions

- Questions
- Suggestions for improvements to this meeting
- Other?
 - Email to one of the following:
 - Your scheduler
 - DART Portal
- Next Meeting – June 18, 2024

