



# **TGP Outages**

## **April, May, June and July**

*Customer Meeting via MS Teams*

*April 16, 2024*

Presented by TGP Gas Operations

**KINDER  MORGAN**

# Agenda

## ■ Review of Upcoming Outages

- Remainder of April
- May
- June
- July
- 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  
Page: [1] 2 3

### Capacity Constraints/FMJ

**Other Critical**  
Apr 05 Restrictions For 04-05-2022 Id3  
Apr 05 Restrictions For 04-06-2022 Ec  
Page: [1] 2 3

**Non-Critical Notices**  
Apr 05 Market Net Pipeline Position Notice  
Apr 05 Supply Net Pipeline Position Notice  
Page: [1] 2 3

### 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  
Page: [1] 2  
[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

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
- Email Us

# Zone 0 (April - July)

**MLV 36-1 TO MLV 37-1: Class Change / Wrinkle Bend Replacement (4/6/2024 - 4/25/2024)**  
**MLV 36-1LAL to MLV 37-1: Anomaly Remediation (4/1/2024 - 4/25/2024)**  
**MLV 37-1 to MLV 38-1: Anomaly Remediation (4/5/2024 - 4/25/2024)**  
**MLV 38-1 to MLV 39-1: Anomaly Remediation (4/3/2024 - 4/25/2024)**  
**MLV 39-1 to MLV 40-1: Anomaly Remediation (4/3/2024 - 4/25/2024)**  
**MLV 39-1 TO MLV 40-1: Class Change / Wrinkle Bend Replacement (4/4/2024 - 4/22/2024)**  
**Capacity ~762k Impact ~206k (seg. 132 FH)**

**MLV 9-1 to MLV 1-1: Pig Run - Maintenance (M) (6/25/2024)**  
**MLV 9-3 to MLV 4-3: Pig Run - Maintenance (M) (6/26/2024)**  
**MLV 9-2 to MLV 5-2: Pig Run - Maintenance (M) (6/27/2024)**  
**Capacity ~566k Impact ~462k (seg. 109 BH)**

**MLV 5-2 to MLV 1-2D: Pig Runs - Cleaning/Gauge (7/1/2024)**  
**MLV 5-2 to MLV 1-2D: Pig Runs - MFL-A (7/2/2024)**  
**Capacity ~598k Impact ~430k (seg. 109 BH)**

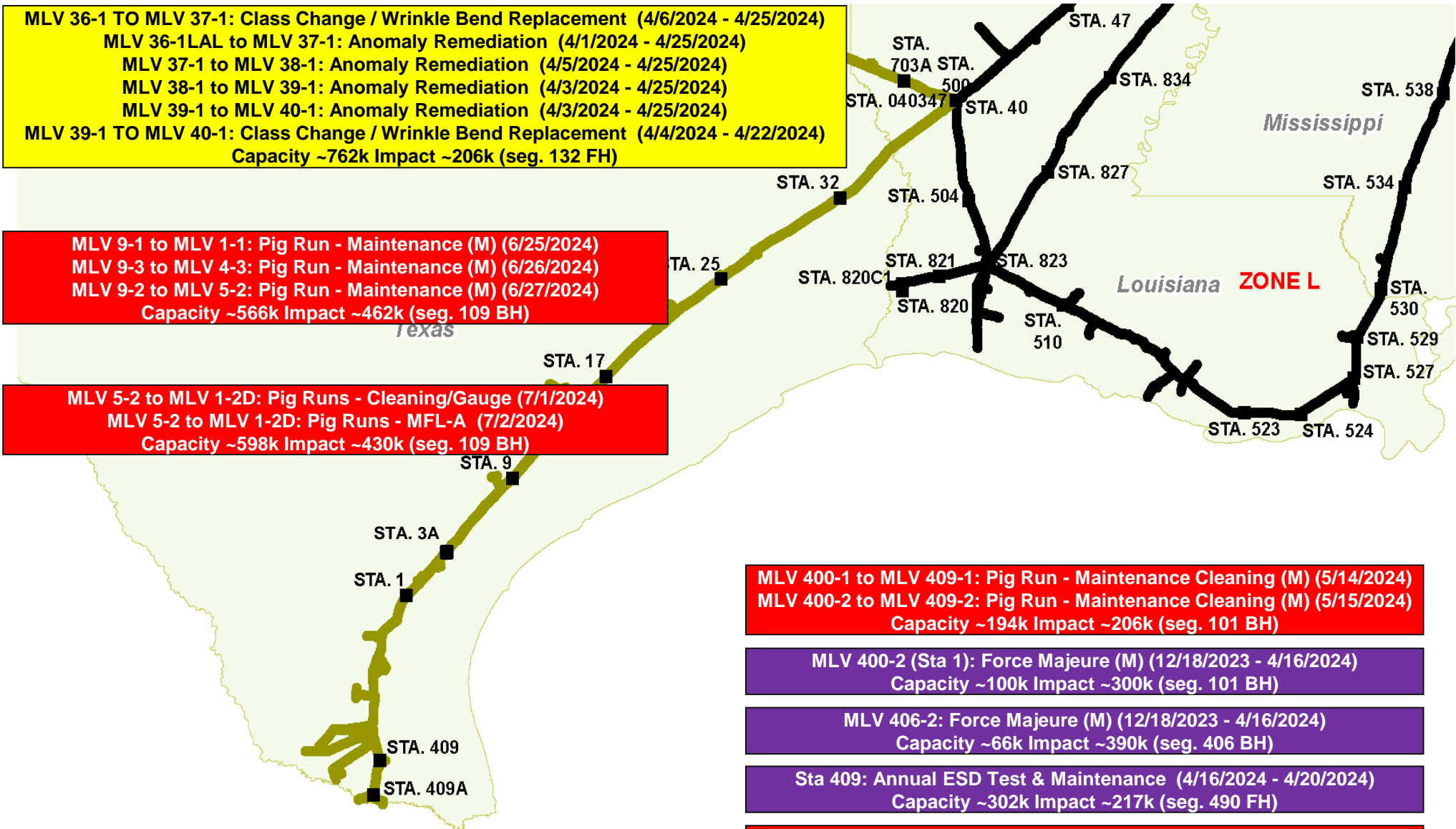
**MLV 400-1 to MLV 409-1: Pig Run - Maintenance Cleaning (M) (5/14/2024)**  
**MLV 400-2 to MLV 409-2: Pig Run - Maintenance Cleaning (M) (5/15/2024)**  
**Capacity ~194k Impact ~206k (seg. 101 BH)**

**MLV 400-2 (Sta 1): Force Majeure (M) (12/18/2023 - 4/16/2024)**  
**Capacity ~100k Impact ~300k (seg. 101 BH)**

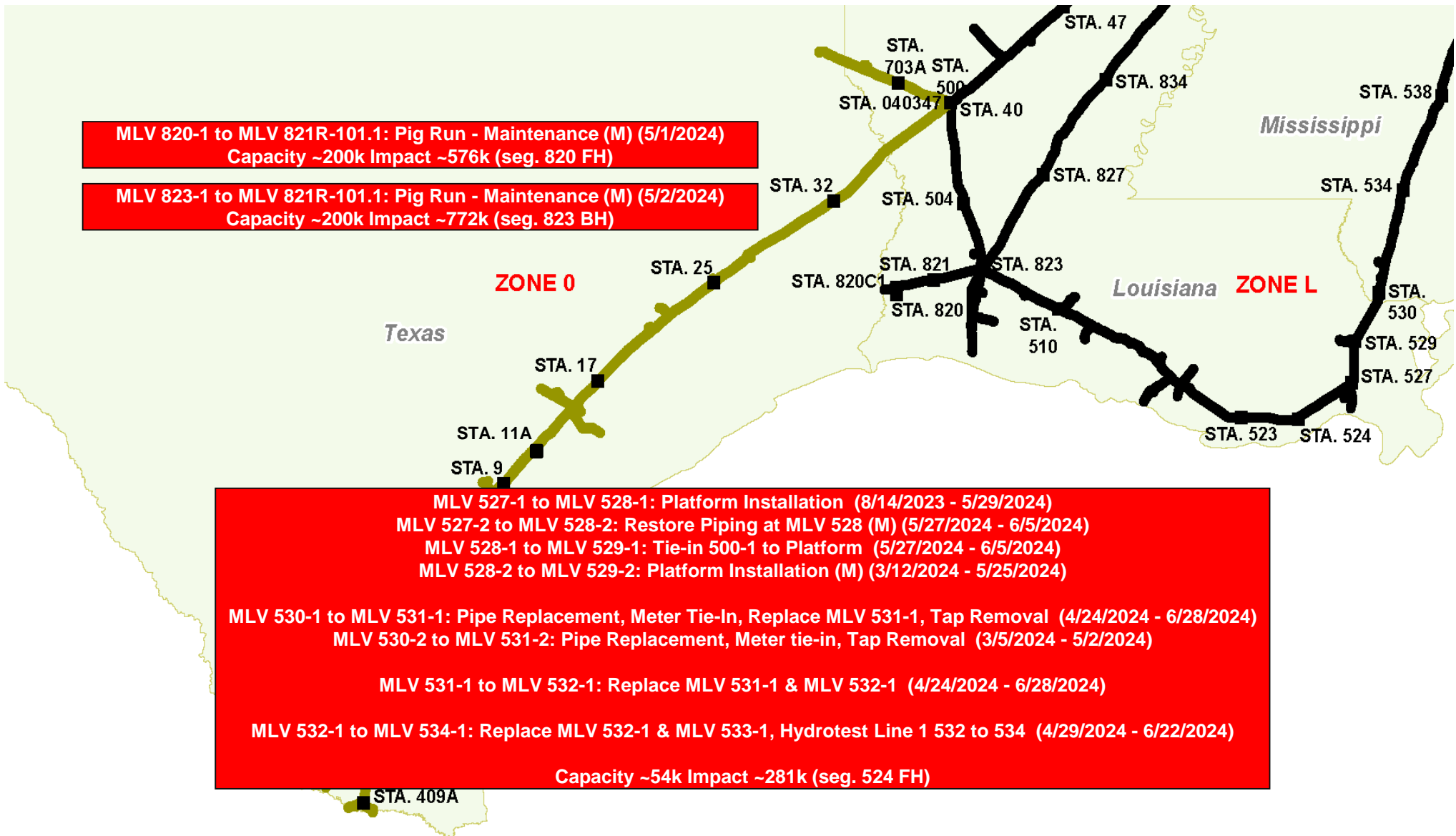
**MLV 406-2: Force Majeure (M) (12/18/2023 - 4/16/2024)**  
**Capacity ~66k Impact ~390k (seg. 406 BH)**

**Sta 409: Annual ESD Test & Maintenance (4/16/2024 - 4/20/2024)**  
**Capacity ~302k Impact ~217k (seg. 490 FH)**

**MLV 409A-901L to MLV 409A-902: Pig Run - Maintenance (M) (5/21/2024)**  
**Capacity ~92k Impact ~137k (seg. 492 FH)**



# Zone L (April - July)





# Zone 1 (April - July)

**Bear Creek Storage Shut In Test**  
4/16/24 – 4/22/24

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)  
 Sta 563: Unit 1A - Solar Condition Assessment Visit including boroscope & lube oil analysis (4/22/2024 - 4/24/2024)

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 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)  
 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)

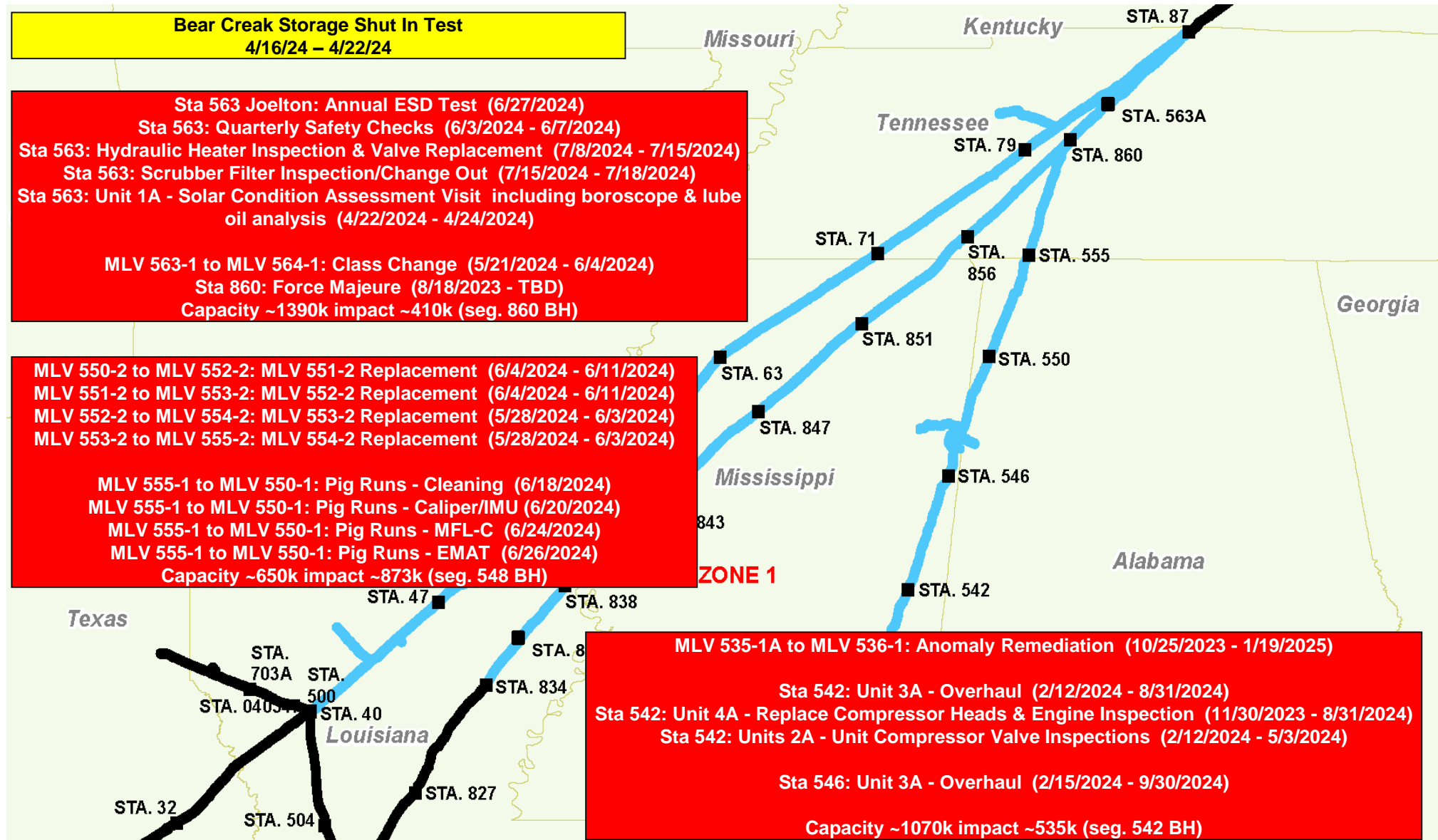
MLV 555-1 to MLV 550-1: Pig Runs - Cleaning (6/18/2024)  
 MLV 555-1 to MLV 550-1: Pig Runs - Caliper/IMU (6/20/2024)  
 MLV 555-1 to MLV 550-1: Pig Runs - MFL-C (6/24/2024)  
 MLV 555-1 to MLV 550-1: Pig Runs - EMAT (6/26/2024)  
 Capacity ~650k impact ~873k (seg. 548 BH)

MLV 535-1A to MLV 536-1: Anomaly Remediation (10/25/2023 - 1/19/2025)

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 ~1070k impact ~535k (seg. 542 BH)



# Zone 2 & 3 (April - July)

MLV 107-3 to MLV 108-3: Anomaly Remediation (4/15/2024 - 4/28/2024)  
 MLV 90-1 to MLV 92-1: High Priority Anomaly Remediation (4/8/2024 - 4/27/2024)  
 MLV 93-1 to MLV 94-1: High Priority Anomaly Remediation (4/8/2024 - 4/27/2024)  
 MLV 95-1 to MLV 96-1: High Priority Anomaly Remediation (4/8/2024 - 4/27/2024)  
 Sta 871: Unit 3A engine overhaul (4/1/2024 - 5/31/2024)  
 Capacity ~2325k Impact ~305k (seg. 187 BH)

MLV 101-5 to MLV 102-5: Tie-In to Line 5 (7/22/2024 - 7/29/2024)  
 MLV 868-1 to MLV 869-1: Class Change (6/11/2024 - 8/23/2024)  
 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)

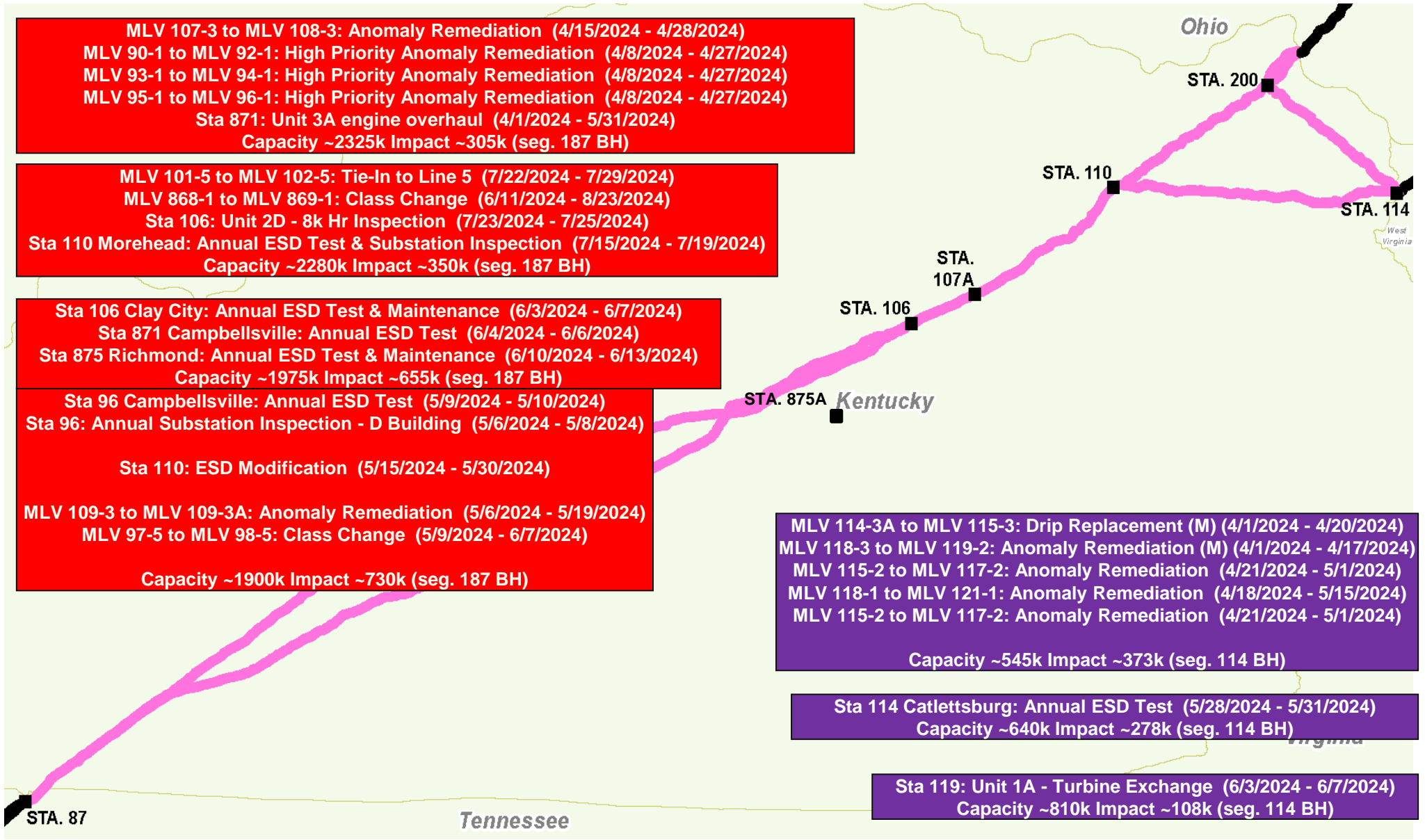
Sta 106 Clay City: Annual ESD Test & Maintenance (6/3/2024 - 6/7/2024)  
 Sta 871 Campbellsville: Annual ESD Test (6/4/2024 - 6/6/2024)  
 Sta 875 Richmond: Annual ESD Test & Maintenance (6/10/2024 - 6/13/2024)  
 Capacity ~1975k Impact ~655k (seg. 187 BH)

Sta 96 Campbellsville: Annual ESD Test (5/9/2024 - 5/10/2024)  
 Sta 96: Annual Substation Inspection - D Building (5/6/2024 - 5/8/2024)  
 Sta 110: ESD Modification (5/15/2024 - 5/30/2024)  
 MLV 109-3 to MLV 109-3A: Anomaly Remediation (5/6/2024 - 5/19/2024)  
 MLV 97-5 to MLV 98-5: Class Change (5/9/2024 - 6/7/2024)  
 Capacity ~1900k Impact ~730k (seg. 187 BH)

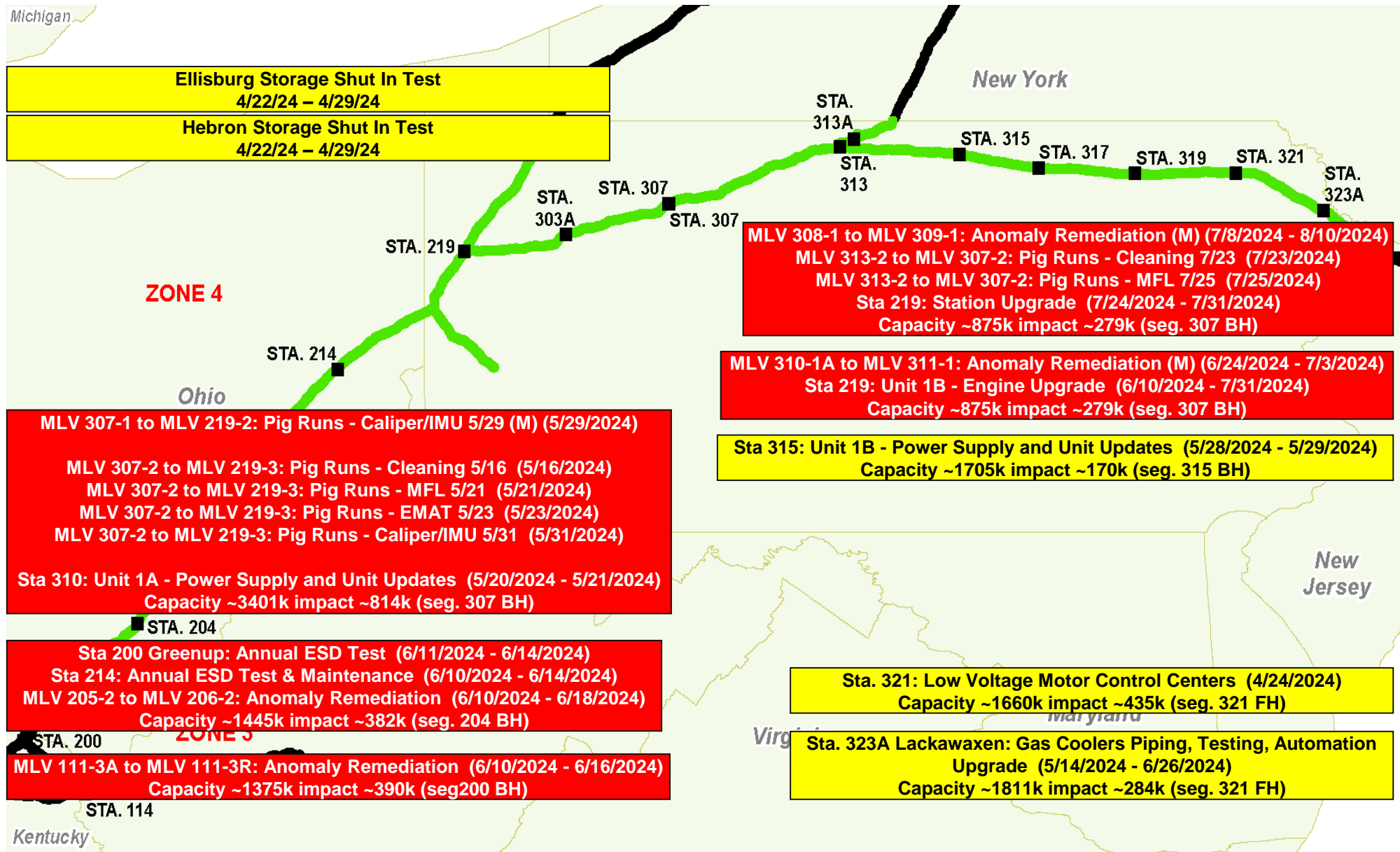
MLV 114-3A to MLV 115-3: Drip Replacement (M) (4/1/2024 - 4/20/2024)  
 MLV 118-3 to MLV 119-2: Anomaly Remediation (M) (4/1/2024 - 4/17/2024)  
 MLV 115-2 to MLV 117-2: Anomaly Remediation (4/21/2024 - 5/1/2024)  
 MLV 118-1 to MLV 121-1: Anomaly Remediation (4/18/2024 - 5/15/2024)  
 MLV 115-2 to MLV 117-2: Anomaly Remediation (4/21/2024 - 5/1/2024)  
 Capacity ~545k Impact ~373k (seg. 114 BH)

Sta 114 Catlettsburg: Annual ESD Test (5/28/2024 - 5/31/2024)  
 Capacity ~640k Impact ~278k (seg. 114 BH)

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



# Zone 4 (April - July)



# Zone 5 (April - July)

**MLV 226-1 to MLV 227-1: Anomaly Remediation (6/3/2024 - 6/28/2024)**  
Capacity ~0k Impact ~389k (seg. 224 FH)

**MLV 237-1 TO MLV 245-1: Pig Runs - Maintenance (6/11/2024)**  
Sta 241: Annual ESD Test (6/17/2024)  
Sta 241: Point to Point and Trans Cals (6/18/2024)  
Sta 241: Scrubber Inspections (6/19/2024)  
Sta 241: Remove Load Lines (6/20/2024)  
Capacity ~675k impact ~323k (seg. 245 FH)

**Sta 405A: Annual ESD Test & Maintenance (7/9/2024)**  
Sta 405A: Filter/Scrubber Change (7/10/2024)  
Sta 405A: Point to Point and Trans Cals (7/11/2024)  
Sta 405A: Unit 1A - Protective Device Tests (7/11/2024)  
Capacity ~685k impact ~118k (seg. 299 FH)

**MLV 239-1 to MLV 240-1: Anomaly Remediation (5/6/2024 - 5/10/2024)**  
Sta 245 West Winfield: Annual ESD Test (5/1/2024 - 5/2/2024)  
Sta 245: Unit 1C - 4k hr Maintenance and Water Wash (4/29/2024 - 5/10/2024)  
Capacity ~750k impact ~248k (seg. 245 FH)

**Sta 313 to Sta 237: Pig Runs - Cleaning (M) (4/23/2024)**  
Sta 313 to Sta 237: Pig Runs - MFL-C (M) (4/24/2024)  
Sta 313 to Sta 237: Pig Runs - EMAT (M) (4/30/2024)  
Capacity ~375k impact ~428k (seg. 299 FH)

**Sta 249: Unit 1A - Engine and Compressor Inspection (4/22/2024 - 4/26/2024)**  
Capacity ~835k impact ~163k (seg. 245 FH)

**Sta 254: Annual ESD Test (5/15/2024 - 5/16/2024)**  
Capacity ~675k impact ~538k (seg. 249 FH)

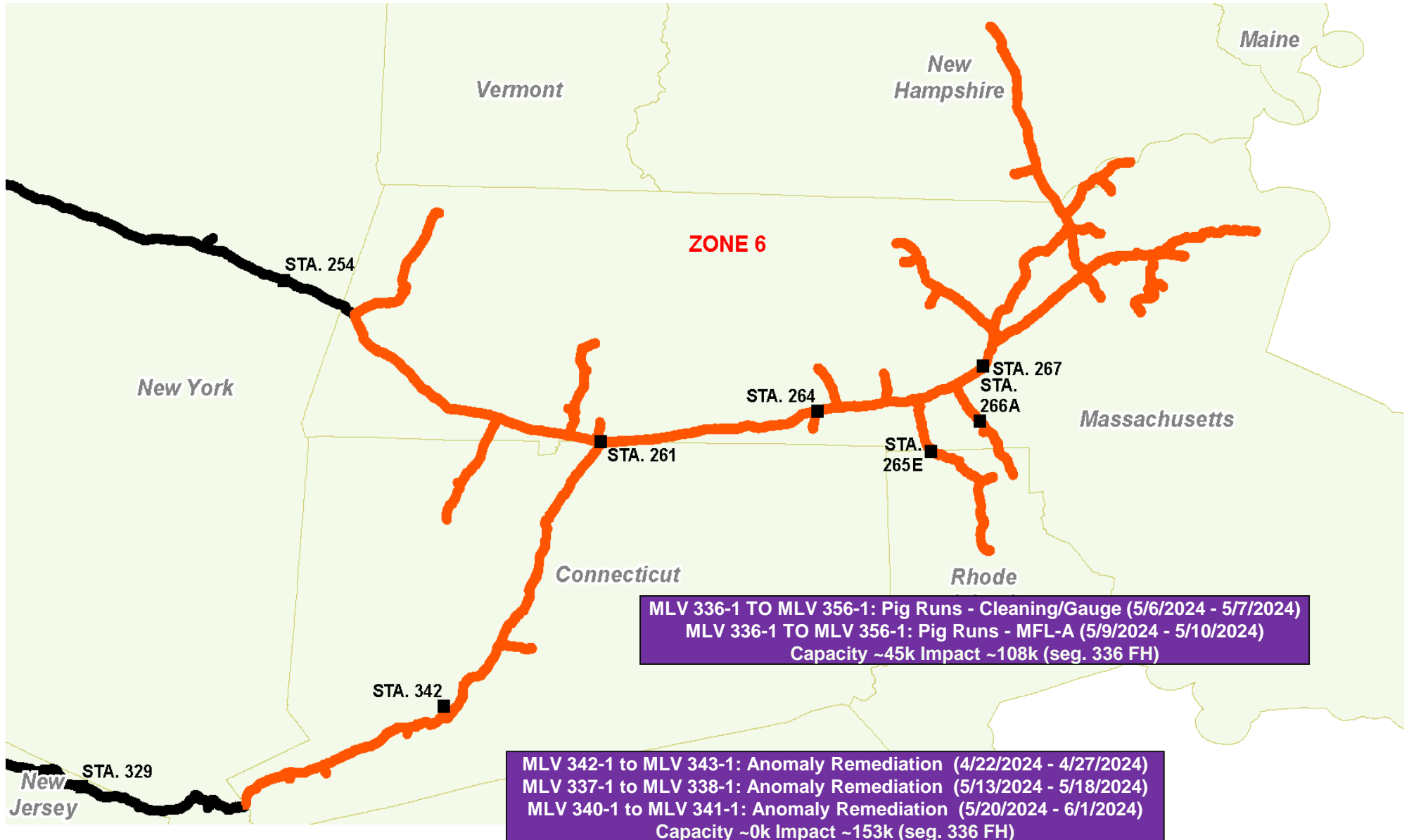


**Sta 325: Low Voltage Motor Control Centers (4/23/2024 - 4/24/2024)**  
Capacity ~1435k impact ~325k (seg. 324 FH)

**MLV 325-2 to MLV 328-2: Pig Runs - Caliper/MFL-A 6/26/24 (6/26/2024)**  
Capacity ~1410k impact ~350k (seg. 324 FH)

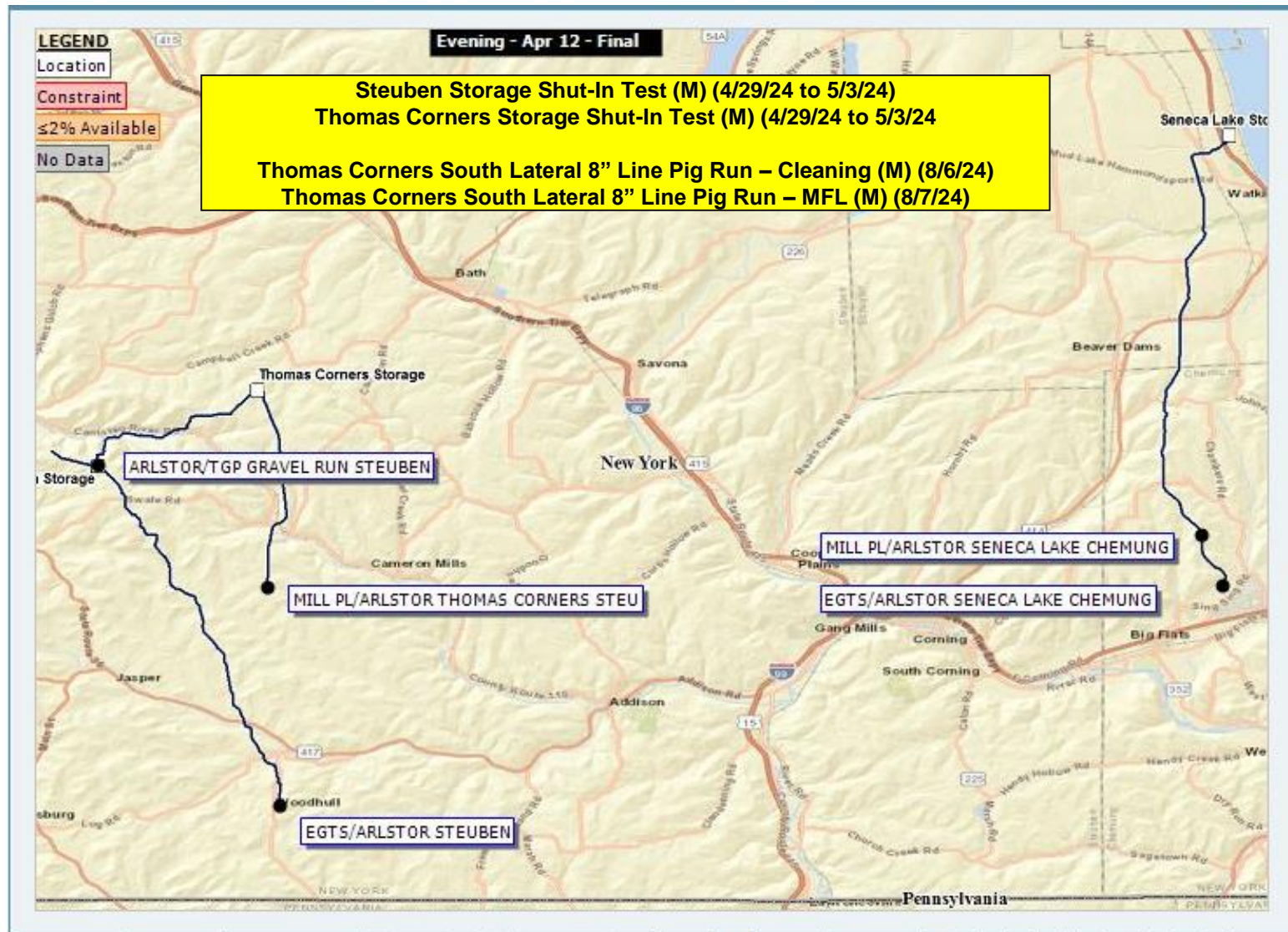
**MLV 329-1BL to MLV 330-1: Anomaly Remediation (M) (5/13/2024 - 5/25/2024)**  
Capacity ~0k Impact ~1760k (seg. 324 FH)

# Zone 6 (April - July)



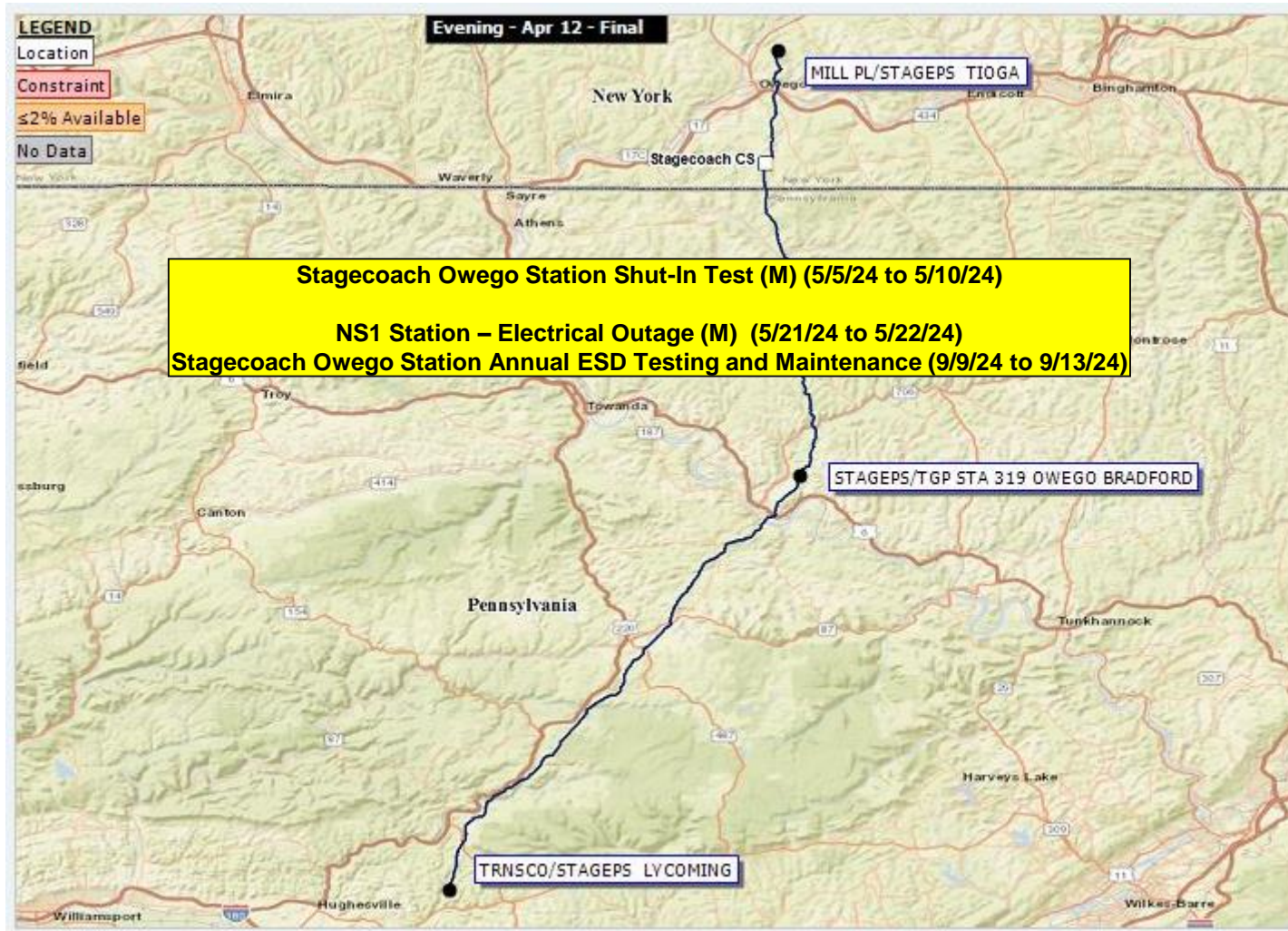
# Arlington Storage Company

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



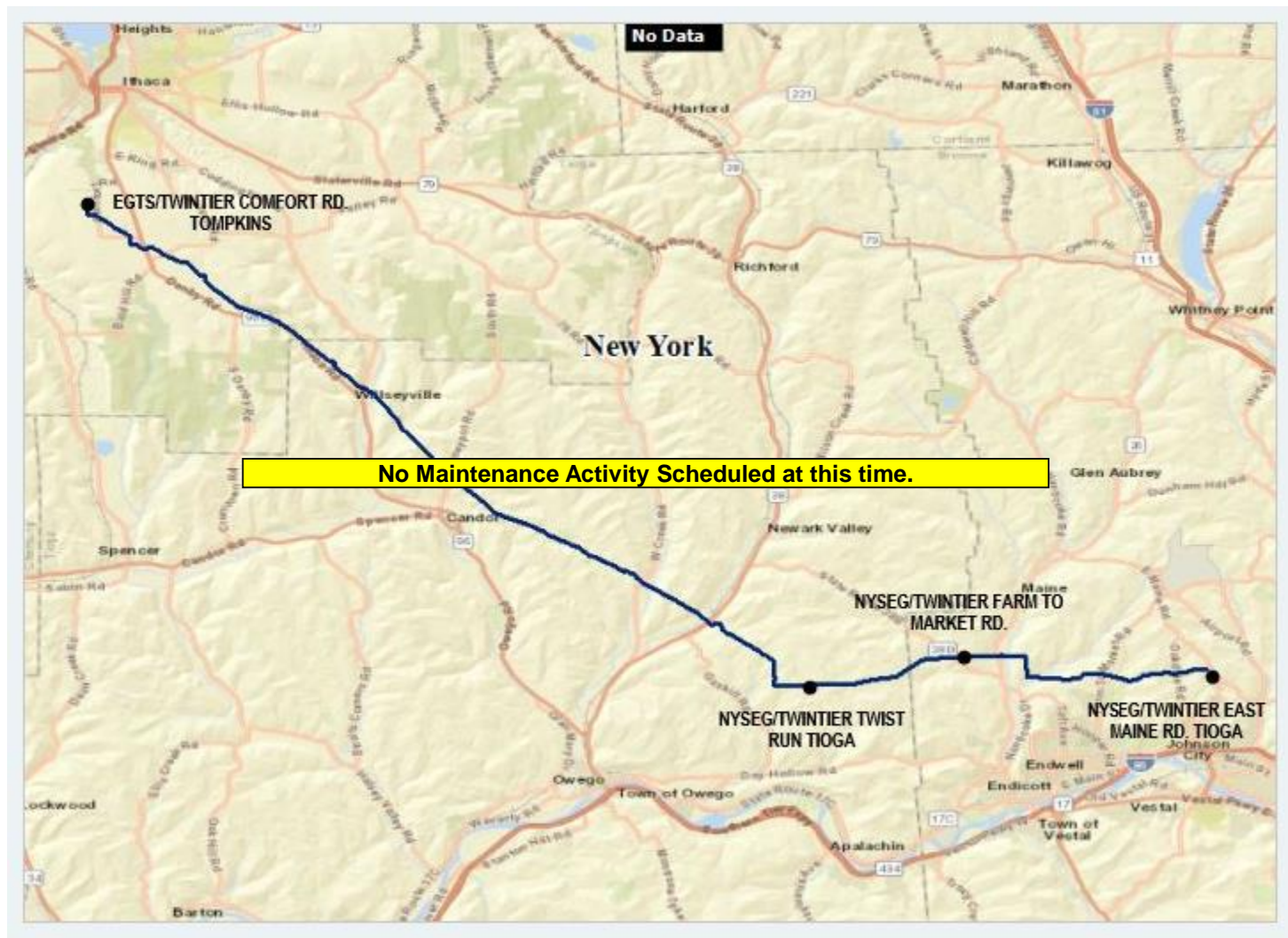
# Stagecoach Pipeline & Storage Co

<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 – May 21, 2024

