

Transmission Expansion Advisory Committee

FirstEnergy Supplemental Projects

ATSI Transmission Zone

July 07, 2026

Need

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

Need Number: ATSI-2026-048
Process Stage: Need Meeting 07/07/2026
Project Driver: Operational Flexibility and Efficiency

Specific Assumption References:

System Performance Projects Global Factors

- System reliability and performance
- Substation/line equipment limits

Problem Statement:

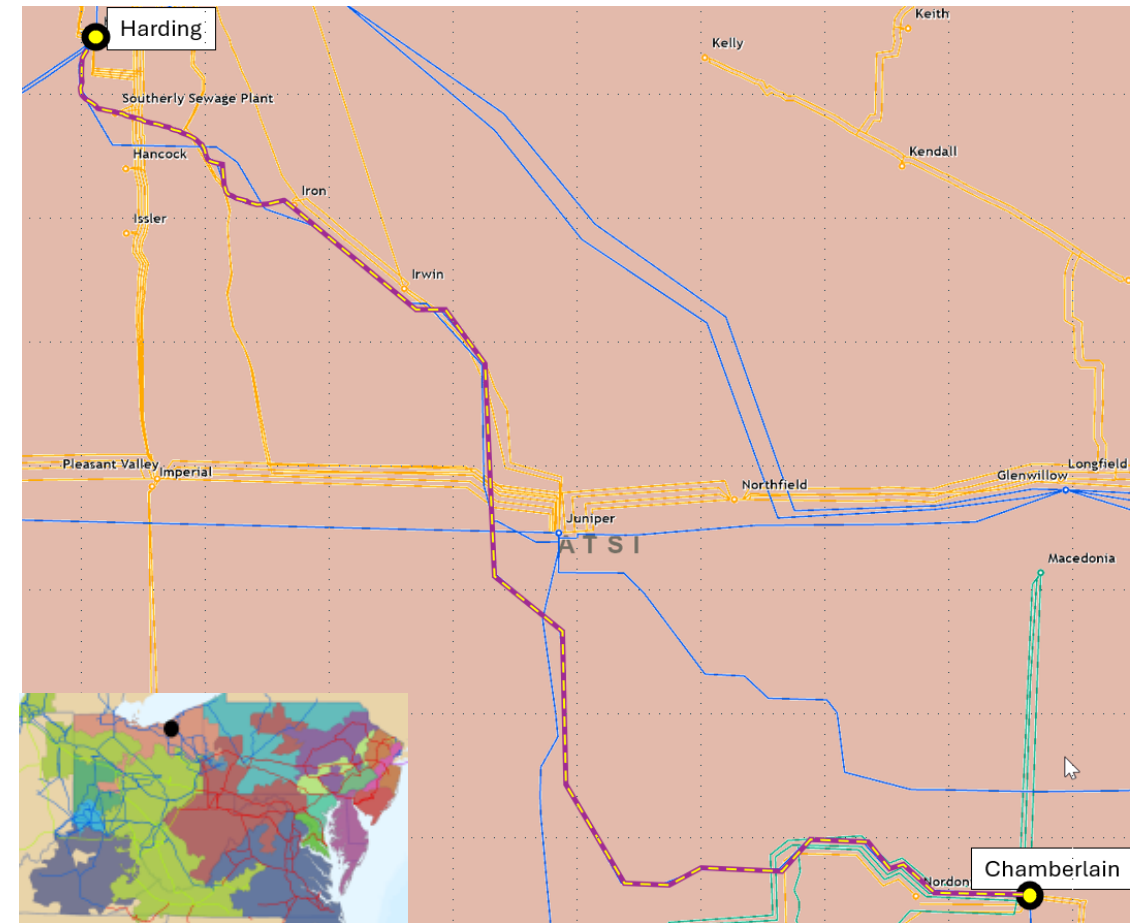
FirstEnergy has identified operational constraints when a single breaker is out of service for maintenance on the Chamberlin-Harding 345 kV S-21 Line.

The Chamberlin-Harding 345 kV S-21 Line is limited by terminal equipment:

Normal Ratings: 1534 / 1891 / 1766 / 2143 MVA (SN/SE/WN/WE)

Single Breaker Outage (B210): 1245 / 1499 / 1560 / 1756 MVA (SN/SE/WN/WE)

Single Breaker Outage (B31 or B32): 1370 / 1720 / 1766 / 2064 MVA (SN/SE/WN/WE)



Appendix

High Level M-3 Meeting Schedule

Assumptions

Activity	Timing
Posting of TO Assumptions Meeting information	20 days before Assumptions Meeting
Stakeholder comments	10 days after Assumptions Meeting

Needs

Activity	Timing
TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
Stakeholder comments	10 days after Needs Meeting

Solutions

Activity	Timing
TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
Stakeholder comments	10 days after Solutions Meeting

Submission of Supplemental Projects & Local Plan

Activity	Timing
Do No Harm (DNH) analysis for selected solution	Prior to posting selected solution
Post selected solution(s)	Following completion of DNH analysis
Stakeholder comments	10 days prior to Local Plan Submission for integration into RTEP
Local Plan submitted to PJM for integration into RTEP	Following review and consideration of comments received after posting of selected solutions



Revision History

06/26/2026– V1 – Original version posted to pjm.com

07/07/2026 – V2 – Corrected name Chamberlain to Chamberlin