

# Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects Penelec Transmission Zone

# Needs

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:** PN-2026-005

**Process Stage:** Need Meeting – SRRTEP-MA – 05/14/2026

**Project Driver:**

*Equipment Condition/Performance/Risk*

**Specific Assumption References:**

- System Performance Global Factors
  - System reliability/performance
- Line Condition Rebuild/Replacement
  - Age/condition of wood H-frame transmission line structures

**Problem Statement:**

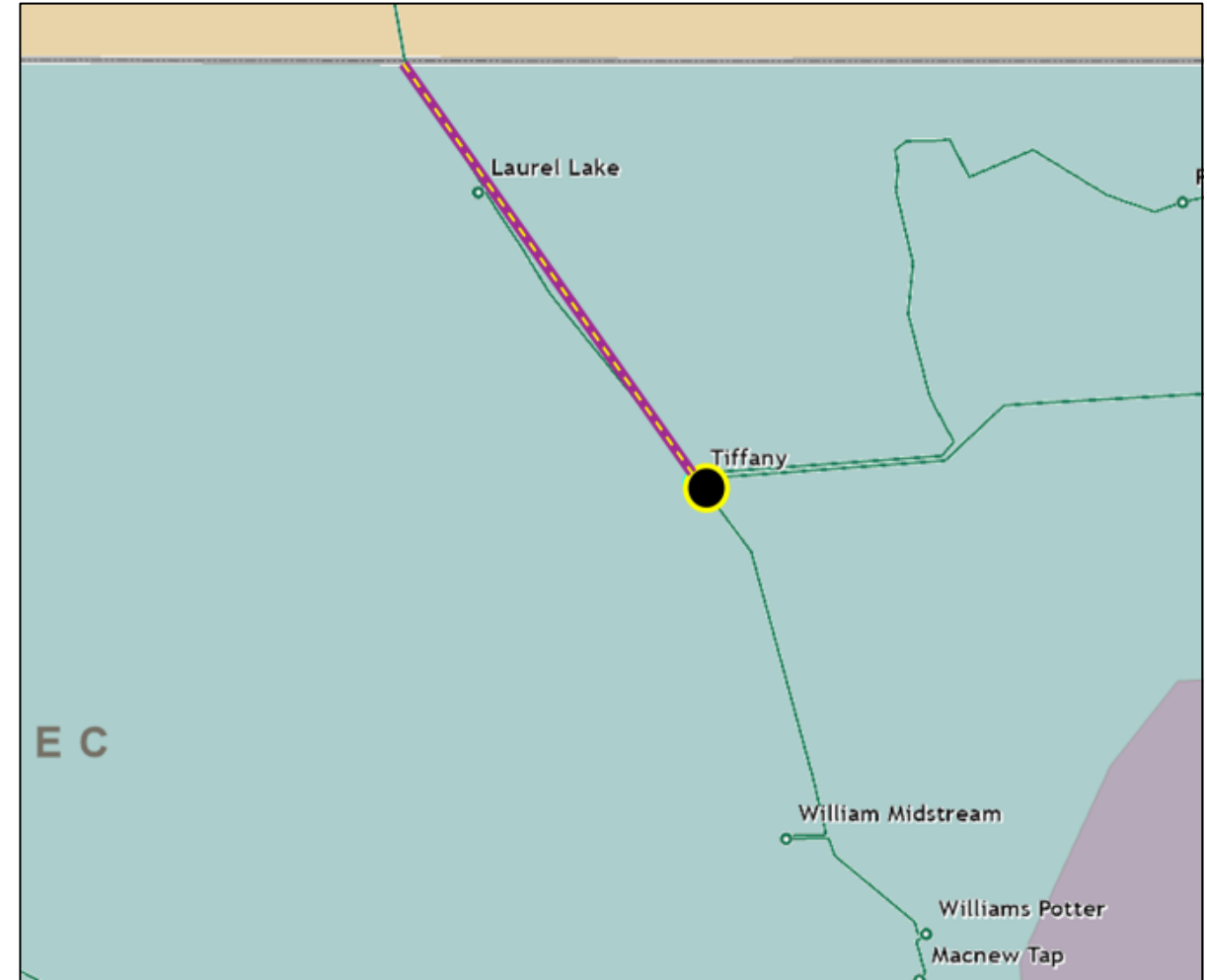
The Goudey - Tiffany (future Warriner Pond) 115 kV LG2 Line was constructed approximately 60 years ago and is approaching end of life. It is approximately 12 miles long with 87 wood H-frame transmission line structures.

Per recent inspections, the line is exhibiting deterioration. Inspection findings include:

- 5 structures are phase-raised
- 104 poles on wooden H-frame structures have varying degrees of decay or shell rot

In the last two years, the line has had three unscheduled, sustained outages.

*Continued on next slide...*

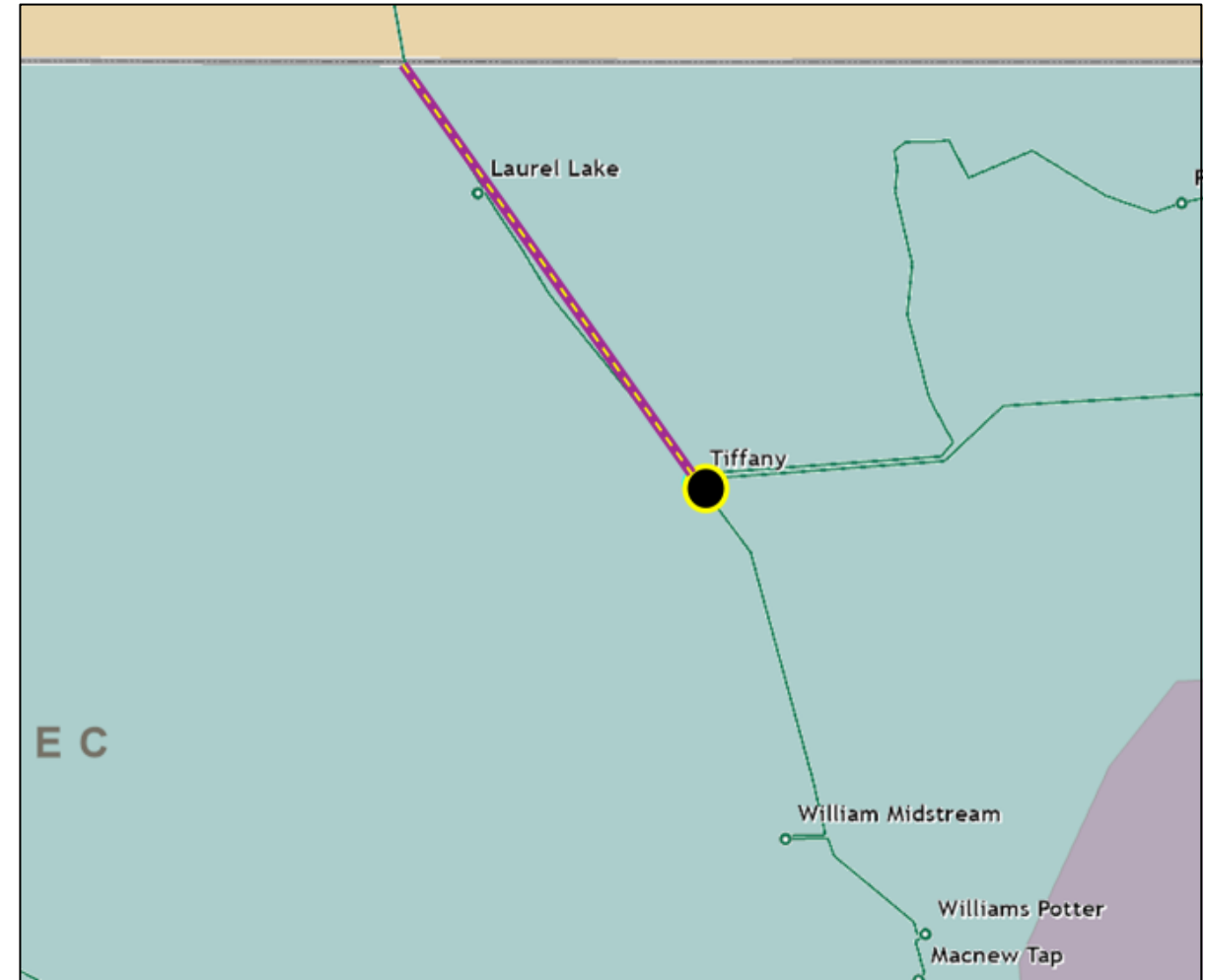


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**Problem Statement:** *(Cont'd from previous slide)*

Existing Ratings:

- Goudey - Laurel Lake 115 kV Line
  - Overall Facility: 110 / 135 / 133 / 149 MVA (SN/SE/WN/WE)
  - Conductor: 110 / 135 / 135 / 173 MVA (SN/SE/WN/WE)
- Laurel Lake - Tiffany (future Warriner Pond) 115 kV Line
  - Overall Facility: 134 / 162 / 151 / 190 MVA (SN/SE/WN/WE)
  - Conductor: 134 / 162 / 151 / 191 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

05/04/2026 – V1 – Original version posted to pjm.com