

Transmission Expansion Advisory Committee: WVPA Supplemental Projects

April 01, 2025

Solutions

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(s): WVPA-2025-001

Process Stage: Solution Meeting TEAC - 04/01/2025

Proposed Solution:

Elderberry-Stillwell 345kV Line: Construct 15 miles of new 345kV line between AEP's Elderberry Substation and NIPSCO's Stillwell Substation. This line will be a MISO facility and has been studied through MISO's planning process. It is being submitted to facilitate study coordination between the two RTOs..

Estimated Cost: **\$0M** (\$75 M covered by MISO)

Elderberry Expansion: Expand the Elderberry 345kV bus to add a new line terminal. This terminal will transition to a MISO facility following completion of the project.. Estimated Cost: **\$0M** (\$5 M covered by MISO)

Transmission Cost Estimate: **\$0M** (\$80 M covered by MISO)

Alternatives Considered:

N/A

Projected In-Service: 12/31/2028

Project Status: Conceptual



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

3/21/2025– V1 – Original version posted to pjm.com

4/7/2025– V2 – Slide #4, Add clarification on costs