

Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects

September 15, 2022

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: JCPL-2022-003

Process Stage: Need Meeting 9/15/2022

Project Driver:

Infrastructure Resilience, Performance and Risk, Operational Flexibility and Efficiency

Specific Assumption Reference:

Global Factors

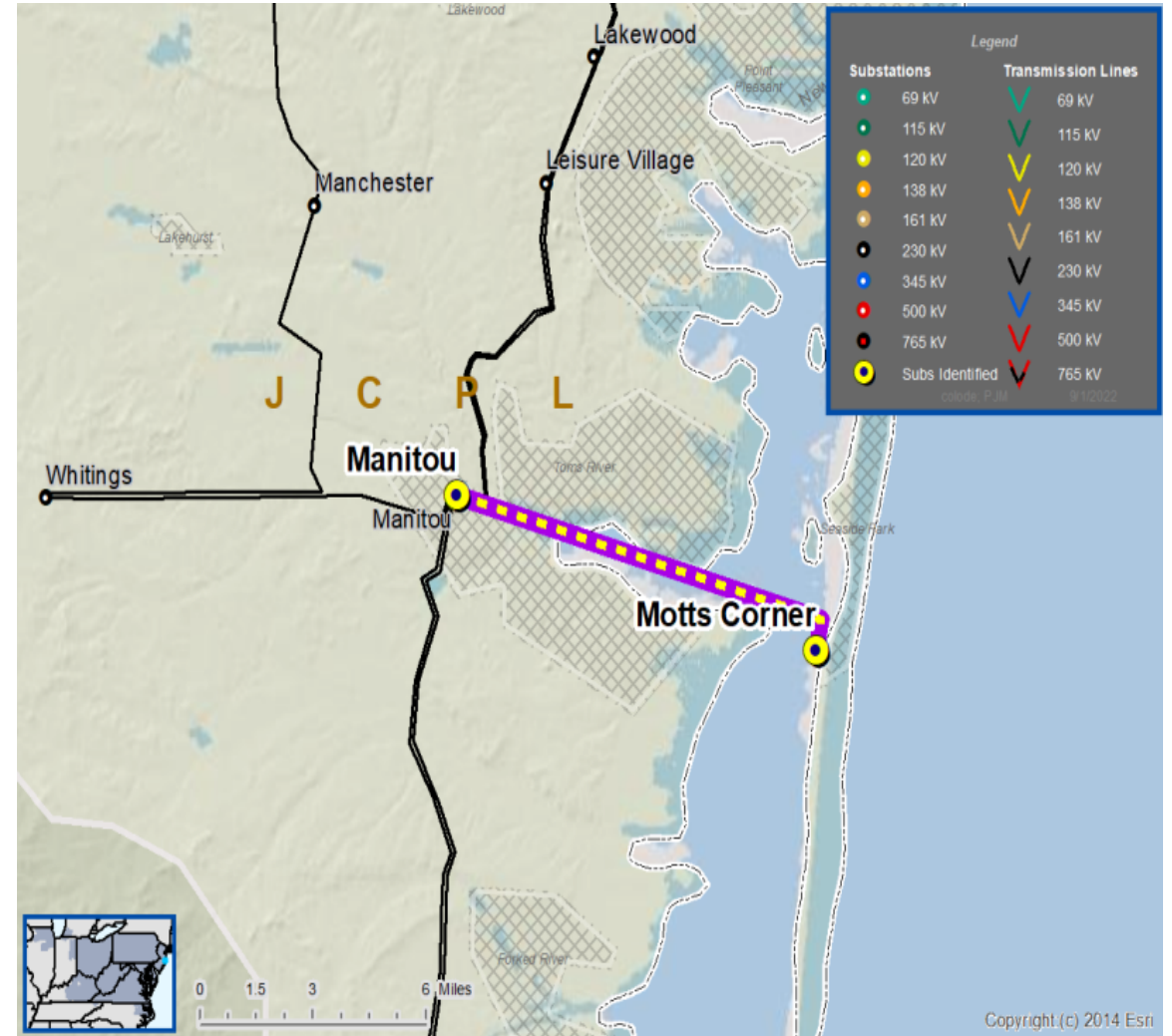
- Age/condition of transmission line conductors
- Load at risk in planning and operational scenarios

System Condition Project

- Transmission Power Cable and Support Equipment

Problem Statement

- Faulted Manitou –Motts Corner No 1 X50 35kV submarine cable from Bayville, NJ to Seaside Park, NJ is currently out of service and in need of replacement
- Original cable was installed in 1949
- Replacement cable was installed in 1968
- Recent N92 cable failure highlighted the need for redundant operational feeds to the barrier islands.
- NJ BPU requirement to plan for N-2 for service to barrier islands



Questions?



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

9/2/2022 – V1 – Original version posted to pjm.com