

Transmission Expansion Advisory Committee Dayton Supplemental Projects

July 8, 2025

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: Dayton-2025-003

Process Stage: Need Meeting 7/08/2025

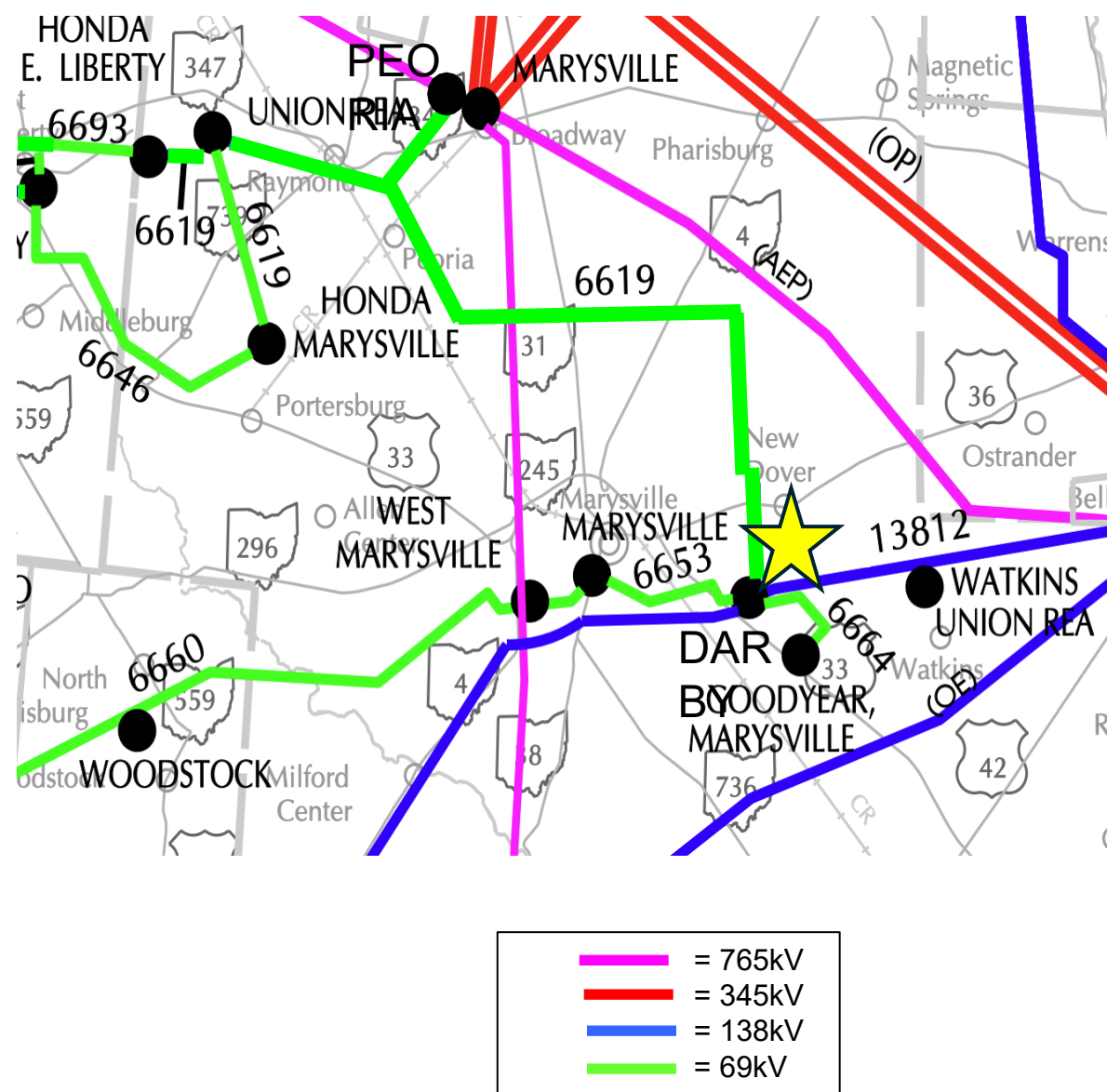
Project Driver: Customer Request

Specific Assumption Reference: Dayton Local Plan Assumptions

Problem Statement:

- AES Ohio has a customer request for service in the vicinity of its Darby Substation in Marysville, OH.
- Total MW load requests, associated timelines, & load totals

Requested In Service Date	Total Requested New Load
2/2027	22 MW
6/2027	40 MW
4/2028	90 MW
7/2028	135 MW



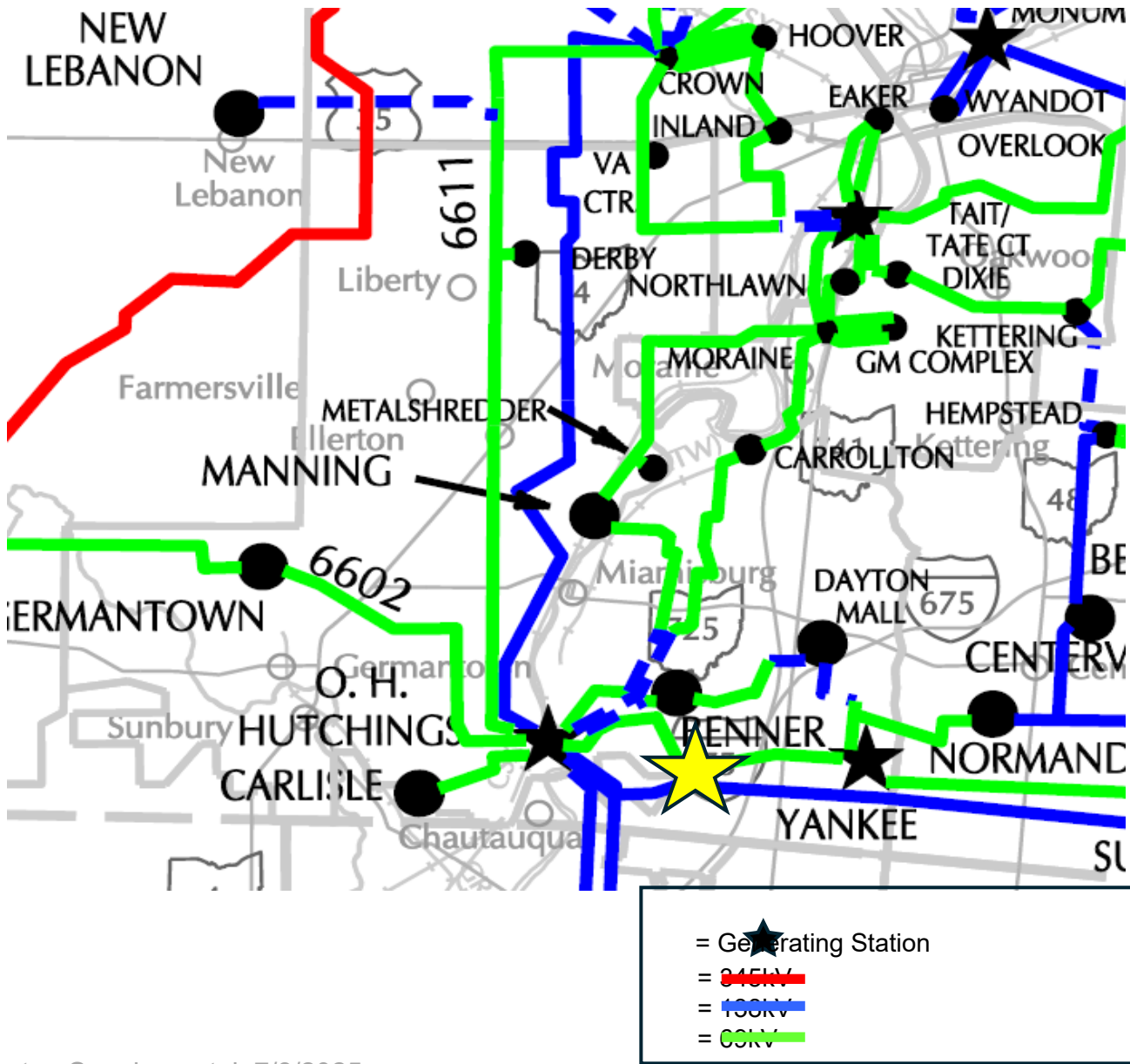
Need Number: Dayton-2025-004
Process Stage: Need Meeting 07/08/2025
Project Driver: Customer Request
Specific Assumption Reference: Dayton Local Plan Assumptions

- Problem Statement:

 - AES Ohio has a customer request for service near the Hutchings Substation.
 - Total MW load requests, associated timelines, & load totals

Requested In Service Date	Total Requested New Load
6/2027	180 MW

Dayton Transmission Zone M-3 Process



Need Number: Dayton-2025-005

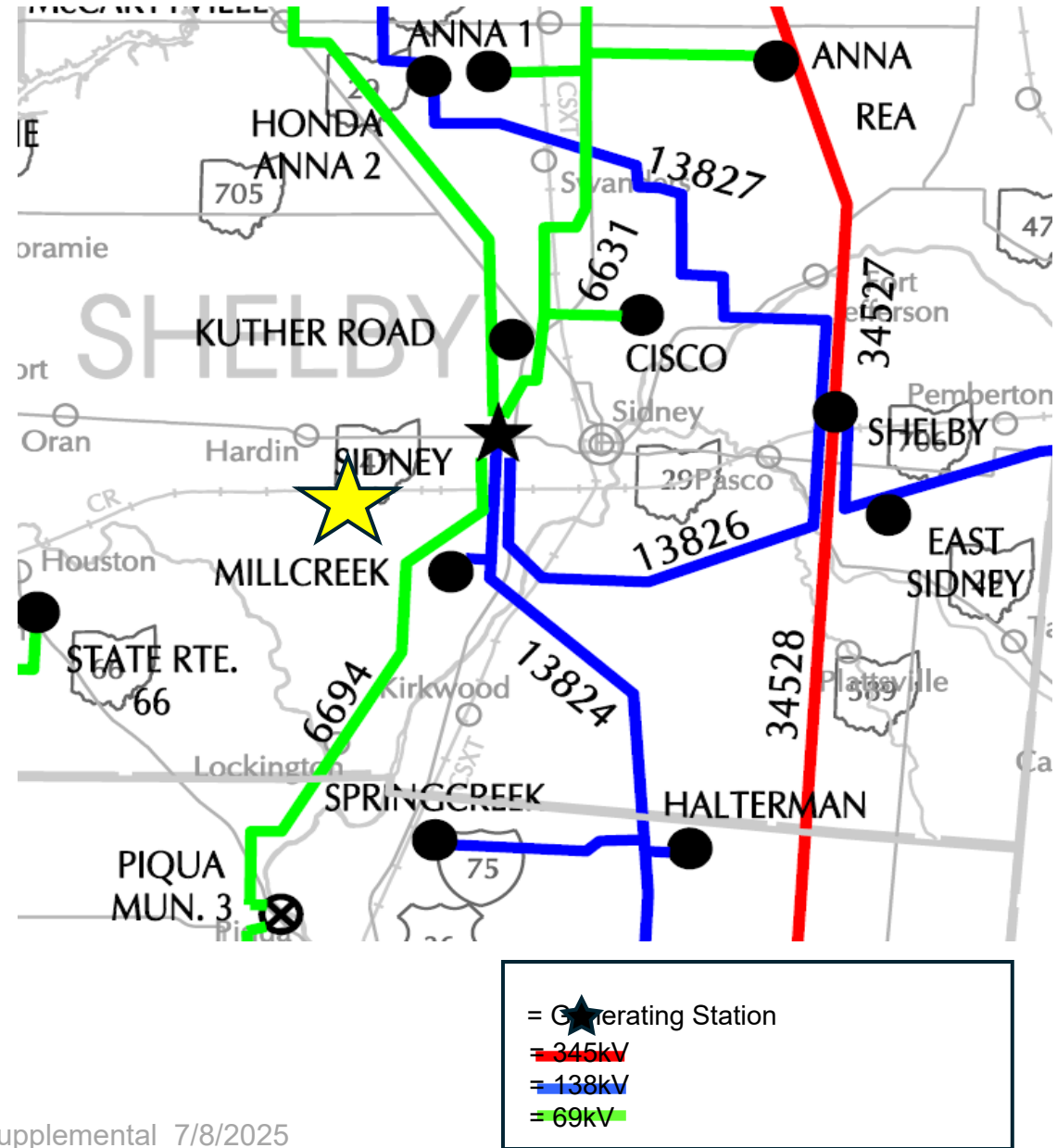
Process Stage: Need Meeting 7/08/2025

Project Driver: Customer Request

Specific Assumption Reference: Dayton Local Plan Assumptions

Problem Statement:

- AES Ohio has a customer request for service in the vicinity of its Sidney substation.
- Total MW load requests, associated timelines, & load totals



Requested In Service Date	Total Requested New Load
1/2028	35 MW
4/2028	100 MW
9/2028	175 MW
1/2029	250 MW
4/2029	325 MW
6/2029	400 MW

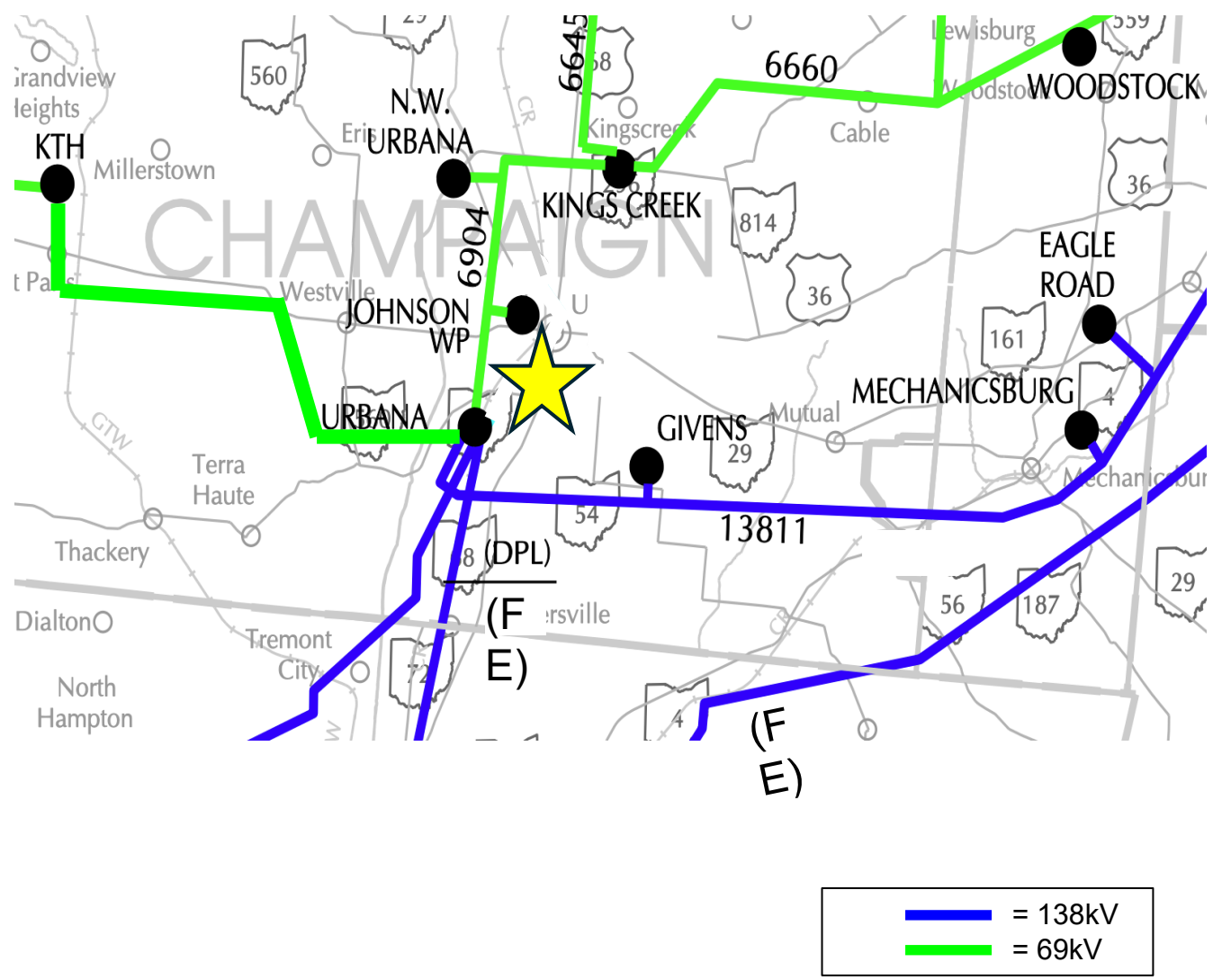
Need Number: Dayton-2025-006

Process Stage: Need Meeting 7/08/2025

Project Driver: Customer Request

Specific Assumption Reference: Dayton Local Plan Assumptions

- Problem Statement:**
- AES Ohio has a customer request for service in the vicinity of its Urbana Substation in Urbana, OH.
 - Total MW load requests, associated timelines, & load totals



Requested In Service Date	Total Requested New Load
10/2026	150 MW
6/2030	300 MW

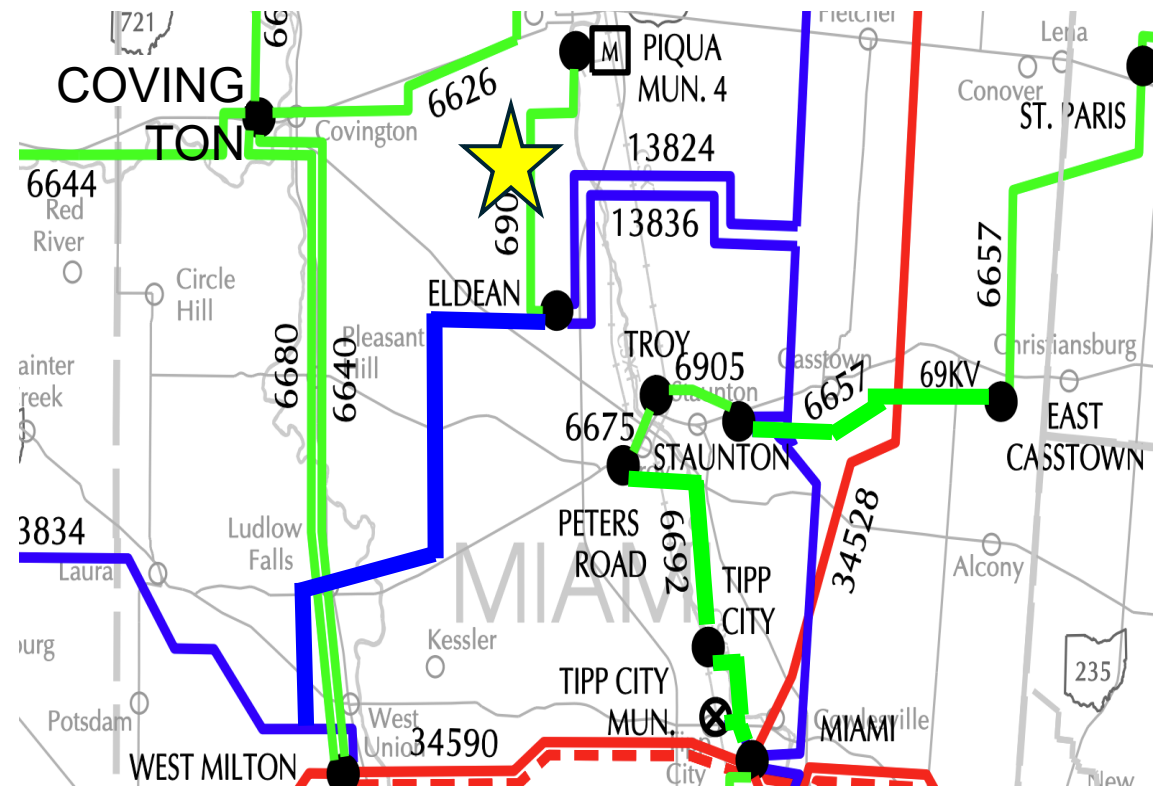
Need Number: Dayton-2025-007

Process Stage: Need Meeting 7/08/2025

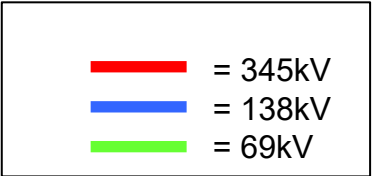
Project Driver: Customer Request

Specific Assumption Reference: Dayton Local Plan Assumptions

- Problem Statement:**
- AES Ohio has a customer request for service in the vicinity of its Eldean Substation in Piqua, OH.
 - Total MW load requests, associated timelines, & load totals



Requested In Service Date	Total Requested New Load
12/2027	45 MW
12/2028	205 MW
12/2029	440 MW
12/2030	600 MW



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

06/27/2025 – V1 – Original version posted to pjm.com