



SRRTEP - Western Committee ComEd Supplemental Projects

November 15, 2024

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: ComEd-2024-022

Process Stage: Need Meeting 11/15/2024

Project Driver:

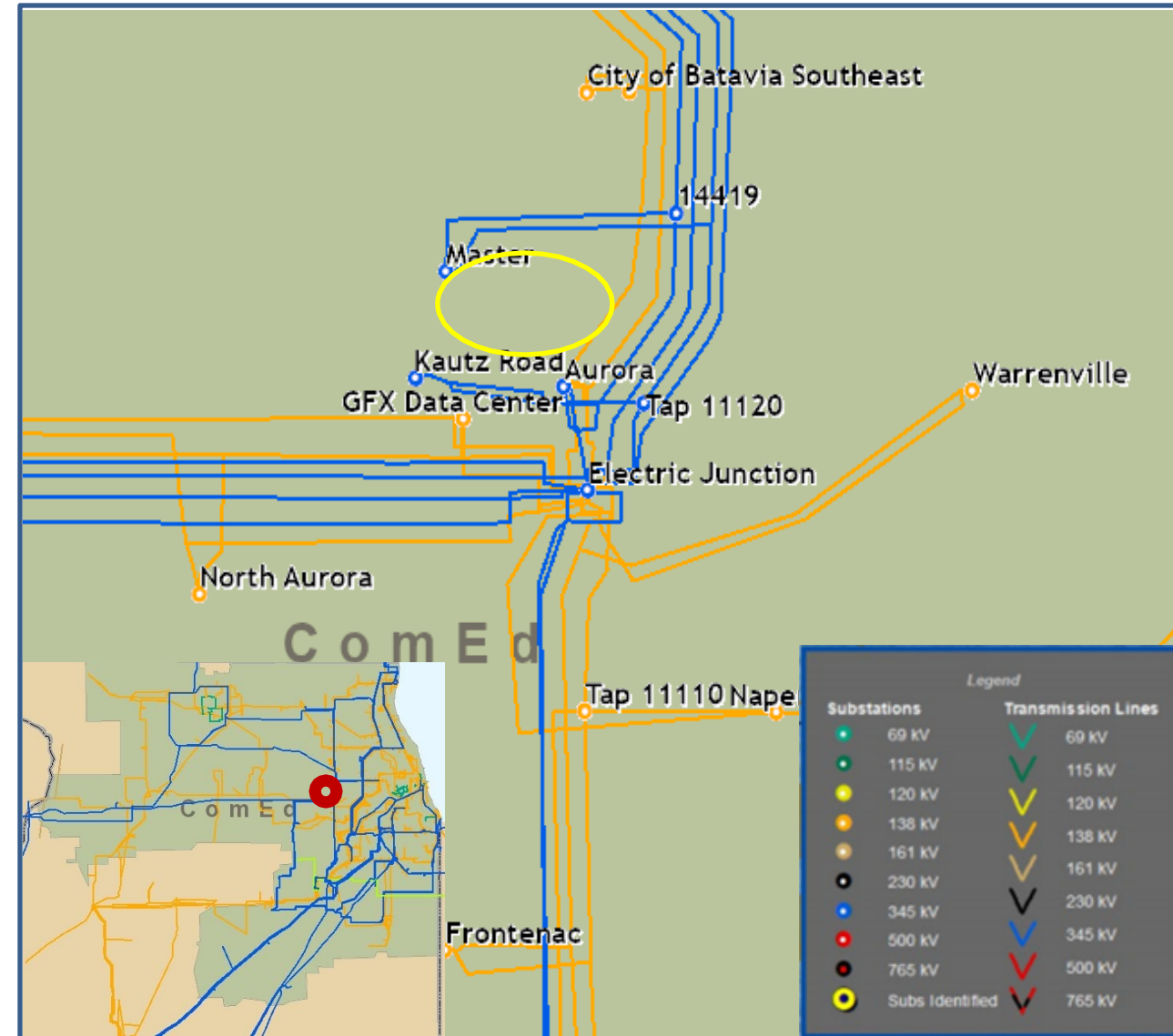
Customer Service

Specific Assumption Reference:

- New transmission customer interconnections or modification to an existing customer

Problem Statement:

New customer is looking for transmission service in the Aurora area. Initial loading is expected to be 49 MW in June 2026, 65 MW in 2028, with an ultimate load of 91 MW.



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: ComEd-2024-002

Previously Presented: Need Meeting 1/19/2024

Process Stage: Solution Meeting 11/15/2024

Project Driver:

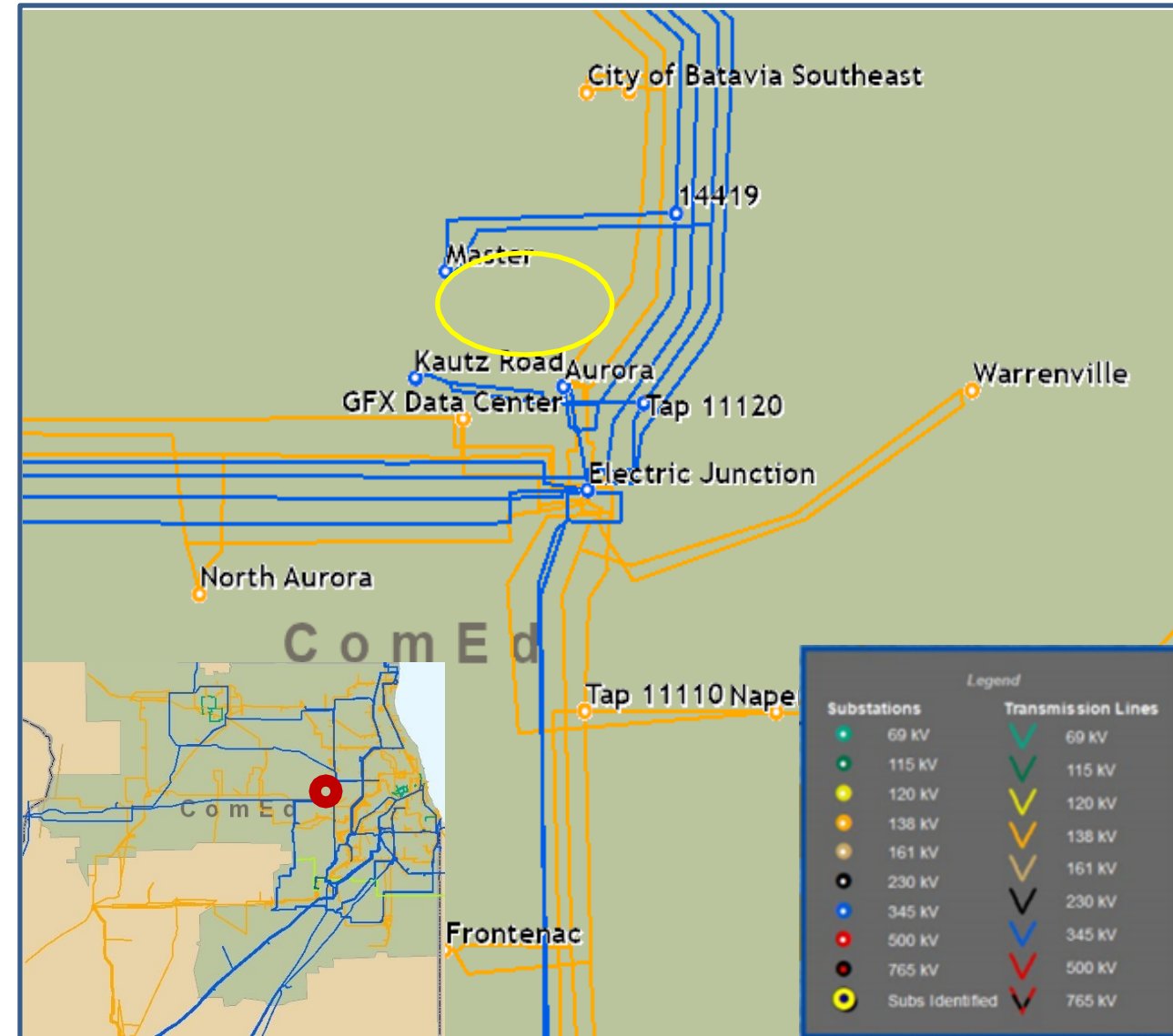
Customer Service

Specific Assumption Reference:

- New transmission customer interconnections or modification to an existing customer

Problem Statement:

New customer is looking for transmission service in the Aurora area. Initial loading is expected to be 74 MW in June 2026, 126 MW in 2028, with an ultimate load of 130 MW.



Need Number: ComEd-2024-002

Process Stage: Solution Meeting 11/15/2024

Proposed Solution:

- New customer will be radially served by two new 1.0 mile 138 kV lines from Electric Junction substation to the customer site.
- Customer substation will be double ring bus configuration with 4 – 138/34 kV, 60 MVA transformers.

Estimated transmission cost: \$0M

Alternatives Considered:

- Cut into 138 kV lines Electric Junction – Aurora. Extend four 138 kV lines, 1 mile to customer location to connect to new double ring bus substation. This alternative was not selected due to higher overall cost.

Projected In-Service: 12/31/26

Project Status: Engineering

Model: 2029 RTEP



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

11/5/2024 – V1 – Original version posted to pjm.com