



TEAC: ComEd Supplemental Projects

April 11, 2023

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-2023-001

Process Stage: Solutions Meeting 4/11/2023

Previously Presented: Need Meeting 2/7/2023

Project Driver:

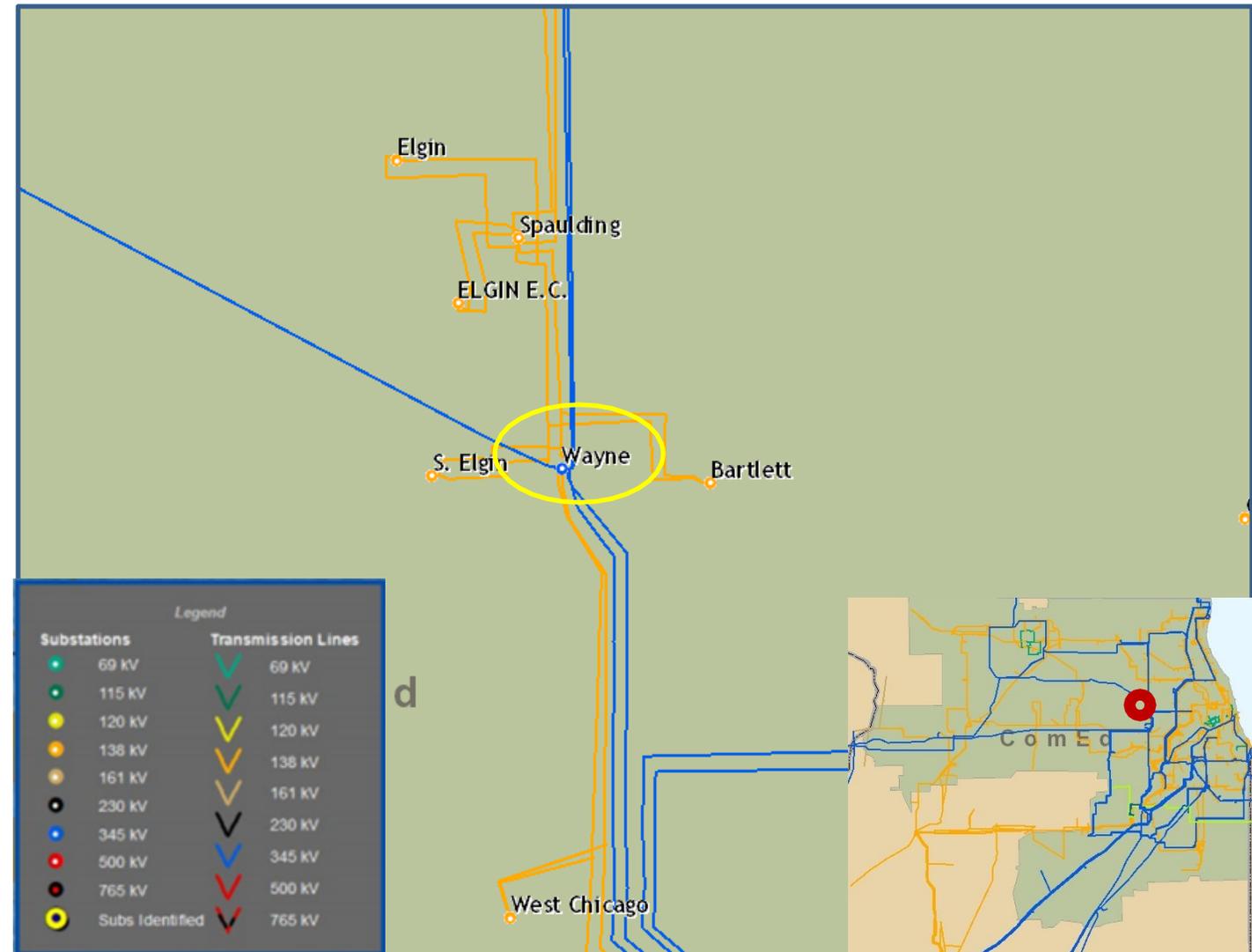
- Operational Flexibility and Efficiency

Specific Assumption References:

- Enhancing system functionality, flexibility, visibility, or operability

Problem Statement:

- In the current configuration at Wayne, 345 kV Line 11126 (Electric Junction – Wayne) does not have its own position on the ring bus. This makes maintenance outages difficult to obtain.



Need Number: ComEd-2023-001

Process Stage: Solutions Meeting 4/11/2023

Preferred Solution:

Move 345 kV Line 11126 (Electric Junction – Wayne) to Bus 6 and install 345 kV Bus Tie 5-6 CB.

Estimated transmission cost: \$10M

Alternatives Considered:

Install a 345 kV line breaker on Line 11126 (Electric Junction – Wayne).

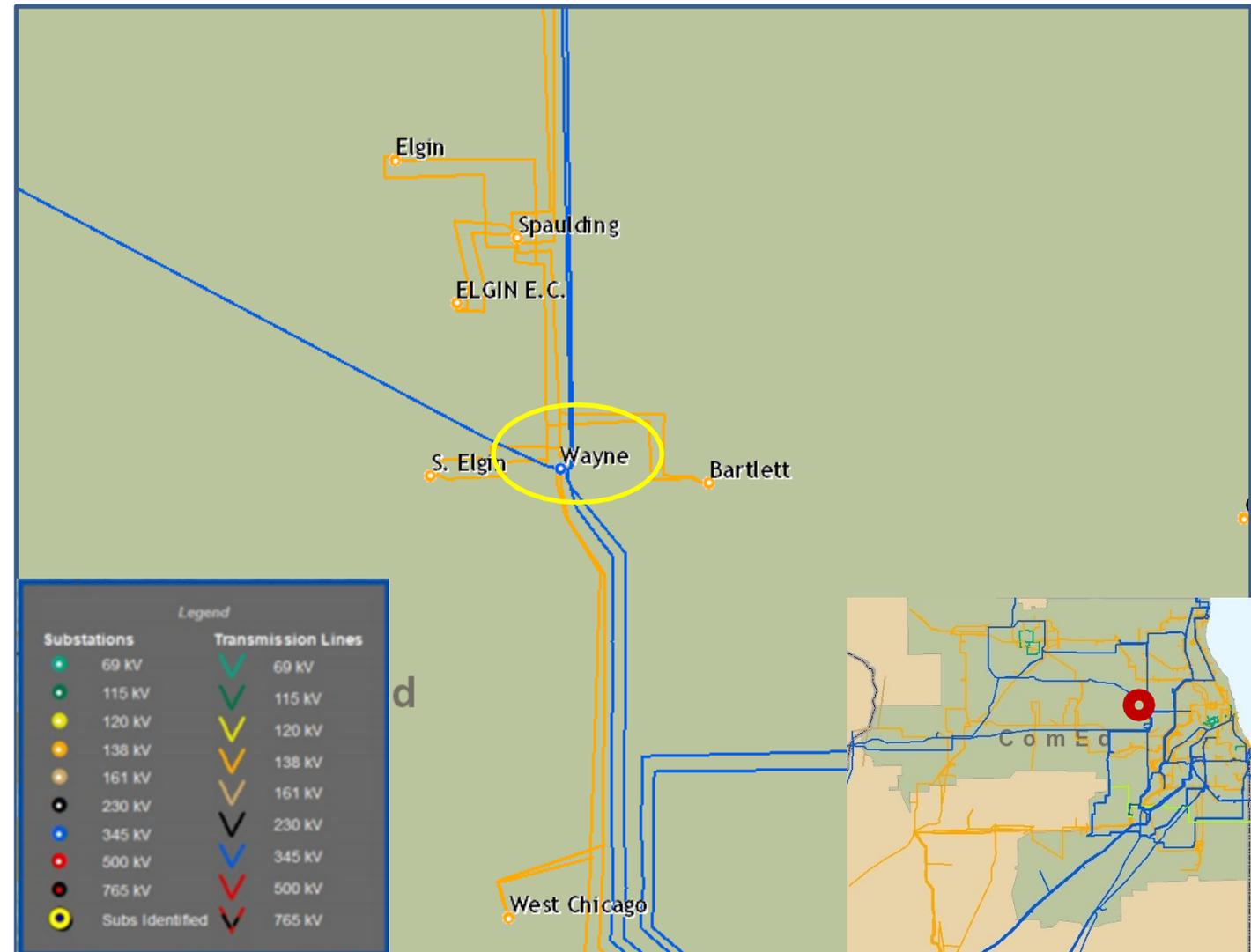
- This alternative was not selected since a bus fault would still outage multiple elements.

Estimated transmission cost: \$10M

Projected In-Service: 12/31/25

Project Status: Conceptual

Model: 2027 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

3/31/2023 – V1 – Original version posted to pjm.com