



SRRTEP - Western Committee ComEd Supplemental Projects

September 18, 2026

Need Number	TO	Area	Needs Meeting	Solutions Meeting	Project Name	Project Description	TO Notes
ComEd-2025-027	ComEd	PJM West	11/14/2025	1/16/2026	NIPSCO Customer Near State Line	NIPSCO contacted ComEd about a new customer looking for transmission service on a tie line between ComEd and NIPSCO in Indiana. Ultimate loading is expected to be 260 MW in June 2027.	Withdraw Need

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-2026-014

Process Stage: Need Meeting 9/18/2026

Project Driver:

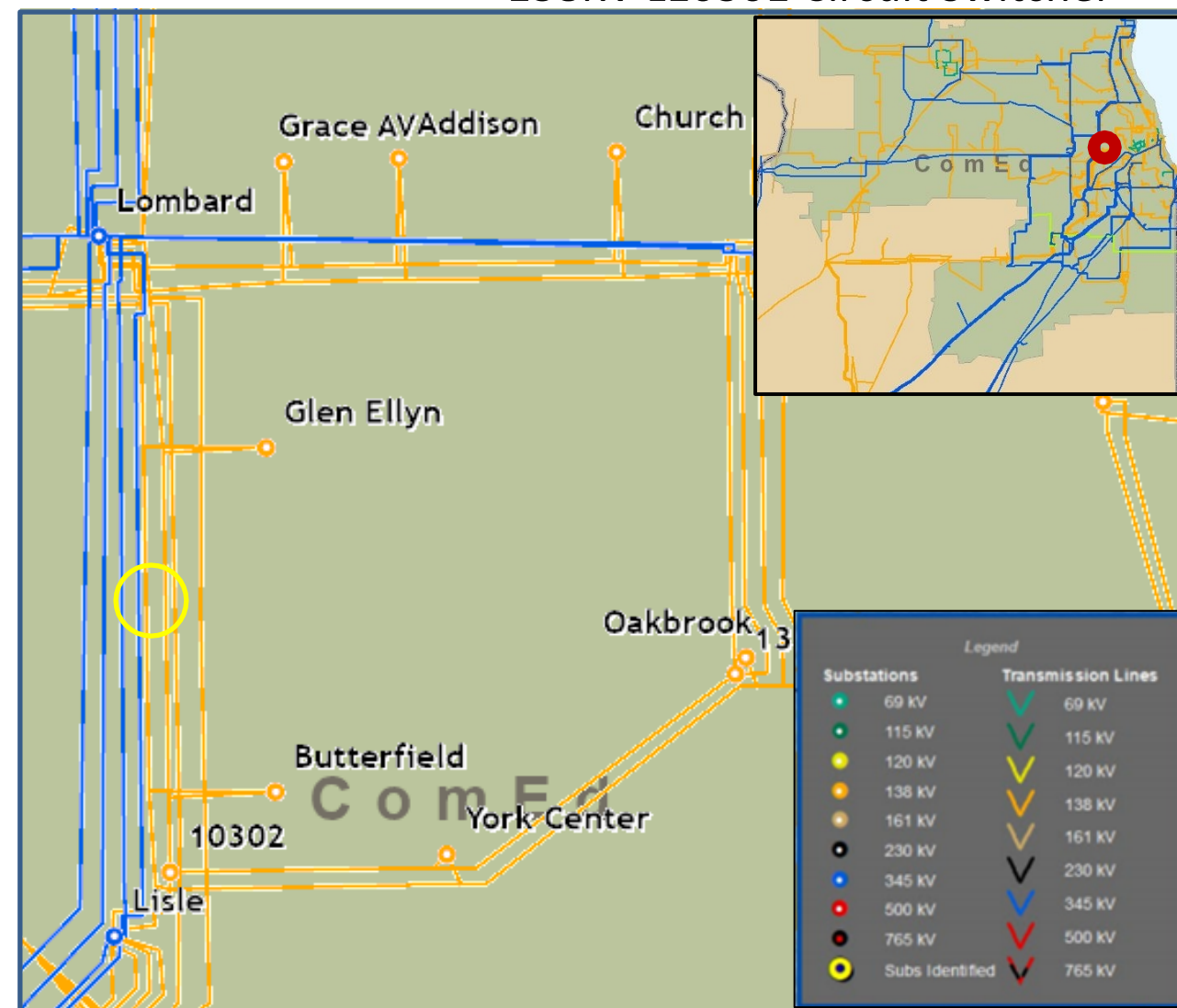
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions

Problem Statement:

- 138 kV, 1200 A circuit switcher on 138 kV line L10301 from Butterfield to Glen Ellyn Tap was installed in 1971. It is in deteriorating condition, lacks replacement parts, and has elevated maintenance costs.



ComEd Transmission Zone M-3 Process 138KV L14103 Transmission Switch

Need Number: ComEd-2026-015

Process Stage: Need Meeting 9/18/2026

Project Driver:

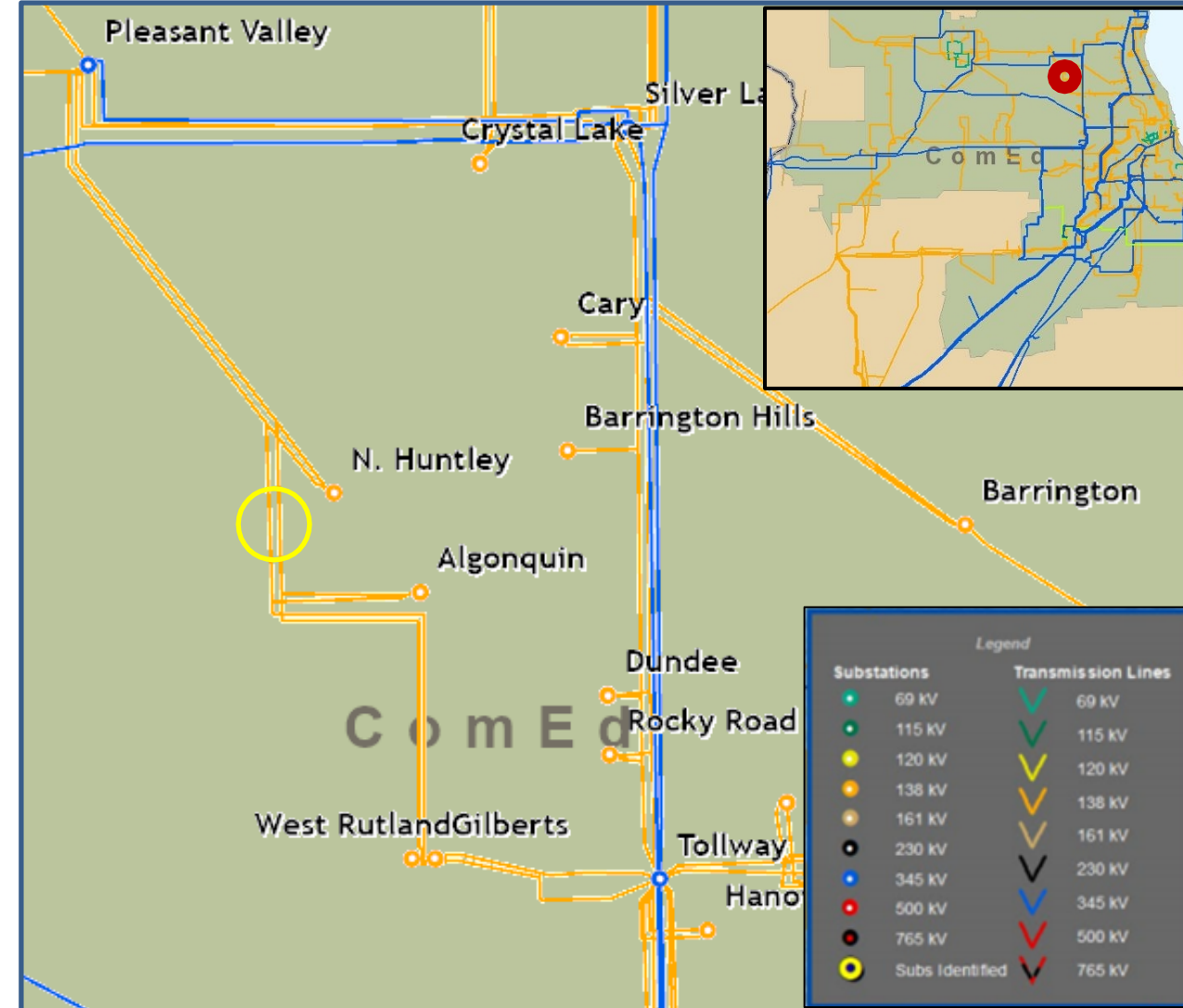
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions

Problem Statement:

- 138 kV, 1200 A transmission switch on 138 kV line L14103 from North Huntley Tap to Algonquin Tap was installed in 2001. It is in deteriorating condition, lacks replacement parts and has elevated maintenance costs.



ComEd Transmission Zone M-3 Process Mendota

Need Number: ComEd-2026-016

Process Stage: Need Meeting 9/18/2026

Project Driver:

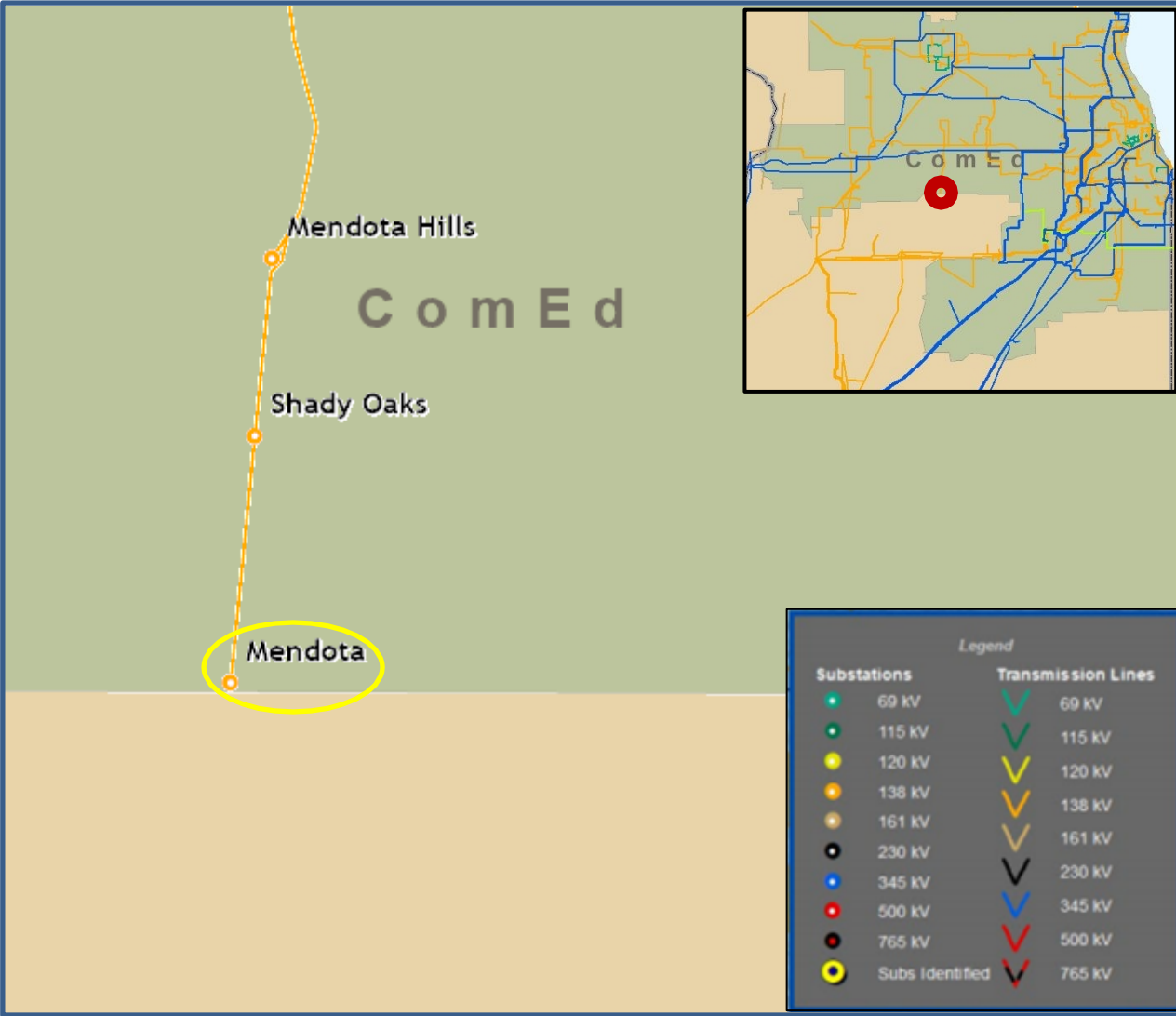
Customer Service

Specific Assumption Reference:

- Transmission System configuration changes due to new or expansion of existing distribution substations

Problem Statement:

ComEd Distribution Capacity Planning requested additional capacity in the Mendota region to accommodate existing interconnected Distributed Energy Resources. Existing distribution facilities do not have enough capacity to accommodate this amount of interconnected Distributed Energy Resources.



ComEd Transmission Zone M-3 Process Burnham

Need Number: ComEd-2026-017

Process Stage: Need Meeting 9/18/2026

Project Driver:

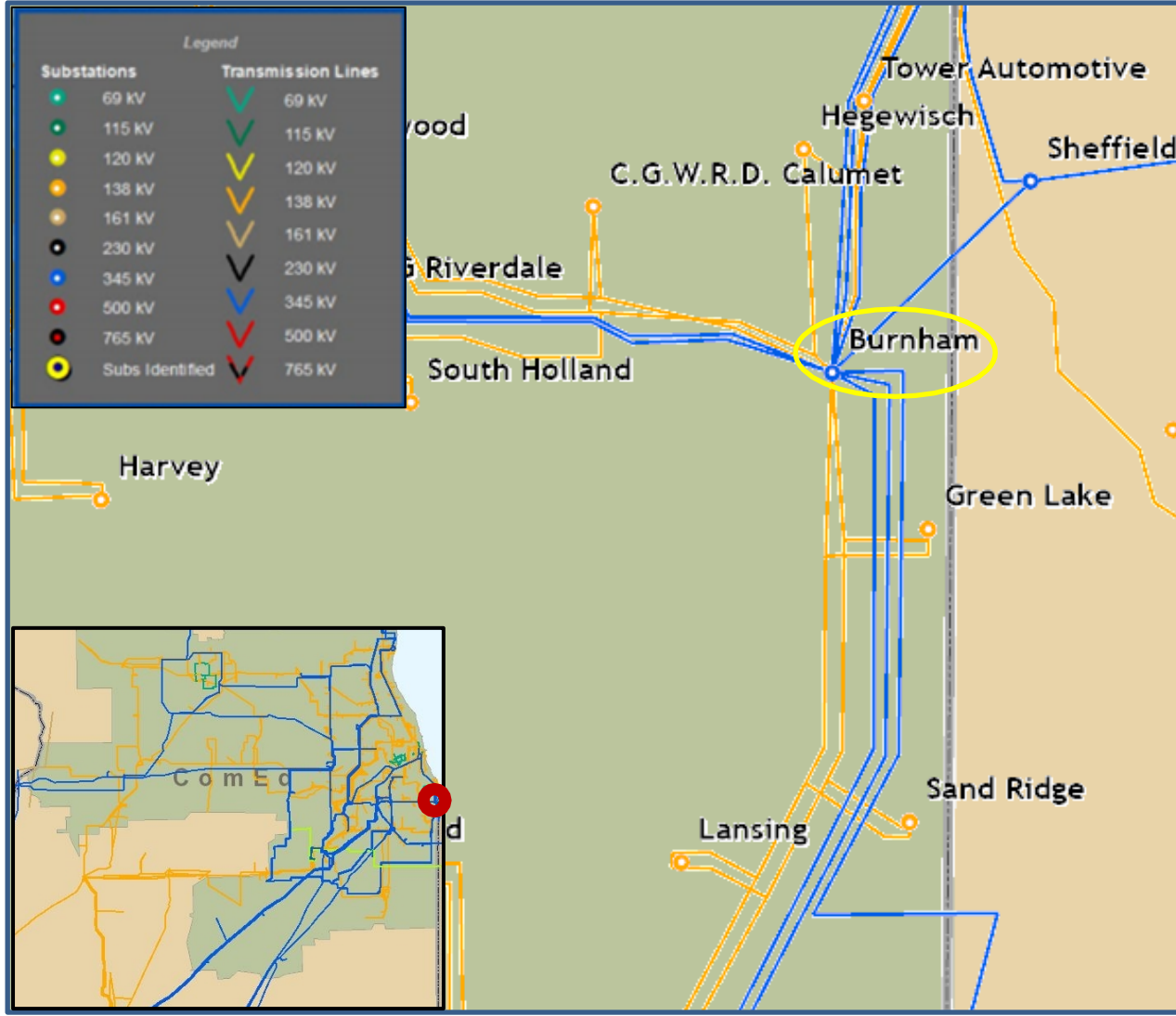
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

Problem Statement:

Burnham 138KV Bus 1-2, BT 2-3, Bus 3 and BT 3-4 electromechanical relays are obsolete and are being phased out of the system. It is becoming difficult to service existing electromechanical relays.



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-2026-012

Process Stage: Solutions Meeting 9/18/2026

Previously Presented: Need Meeting 8/14/2026

Project Driver:

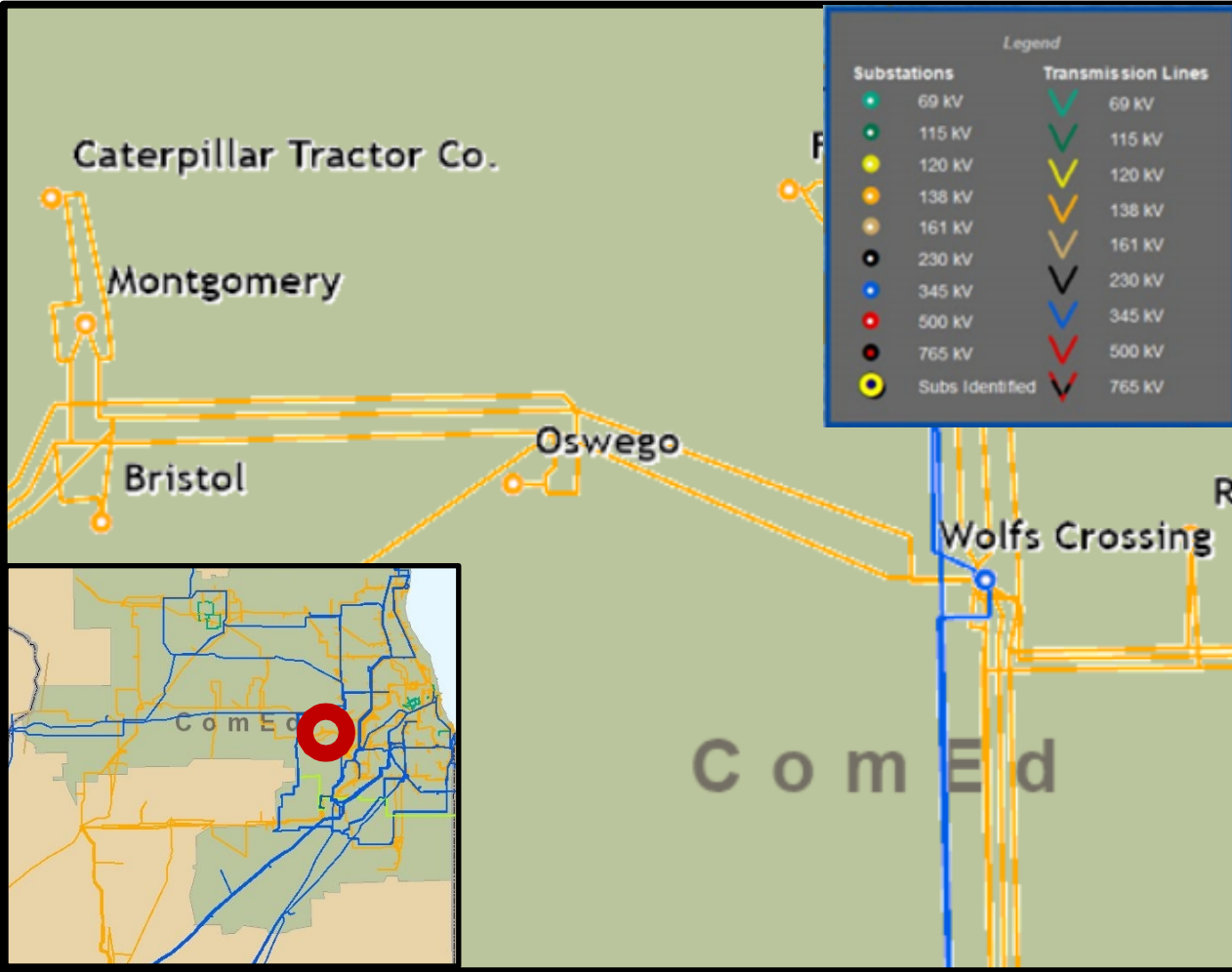
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions

Problem Statement:

- 138KV lines L14302 & L14304 from Wolfs Crossing to Montgomery are 7 mile, 138kv double circuit wood pole structure lines with 1113 ACSR Bluejay & 477 ACSR Hawk conductor and Raven ACSR static wire that were constructed in 1963. The lines are 63 years old and the wood poles are in deteriorating condition.
- Two recent line outages were due to wood poles catching fire in 2019 and 2024, resulting in emergent work to restore the lines.



Need Number: ComEd-2026-012

Process Stage: Solutions Meeting 9/18/2026

Proposed Solution:

Rebuild 7 miles of 138KV lines L14302 & L14304 from Wolfs Crossing to Montgomery tap with double circuit steel engineered structure.
Reconductor lines with 2-556.5 ACSR T-2 Parakeet conductor and OPGW static wire. The line reconductor resulted in increasing the associated facility ratings as seen below:

MVA Ratings	SN/SLTE/SSTE/SLD	LN/LLTE/LSTE/LLD	WN/WLTE/WSTE/WLD
Wolfs Crossing to Oswego Tap (Blue)			
Existing	351/449/455/471	407/468/471/490	421/472/476/495
New	351/449/460/498	407/489/502/544	421/500/513/557
Oswego Tap to Montgomery and ESSW507 Main Line Tap (Blue)			
Existing	208/264/266/275	241/289/290/301	249/294/296/307
New	351/449/459/498	408/490/503/545	421/500/513/557
Wolfs Crossing to Oswego Tap (Red)			
Existing	351/449/455/471	407/468/471/490	421/472/476/495
New	351/449/460/498	407/489/502/544	421/500/513/557
Oswego Tap to Montgomery and ESSW507 Main Line Tap (Red)			
Existing	208/264/266/275	240/288/289/300	249/294/296/307
New	351/449/460/498	407/489/502/544	421/500/513/557

Estimated Cost: \$ 31.5M

Alternatives Considered:

No feasible alternatives.

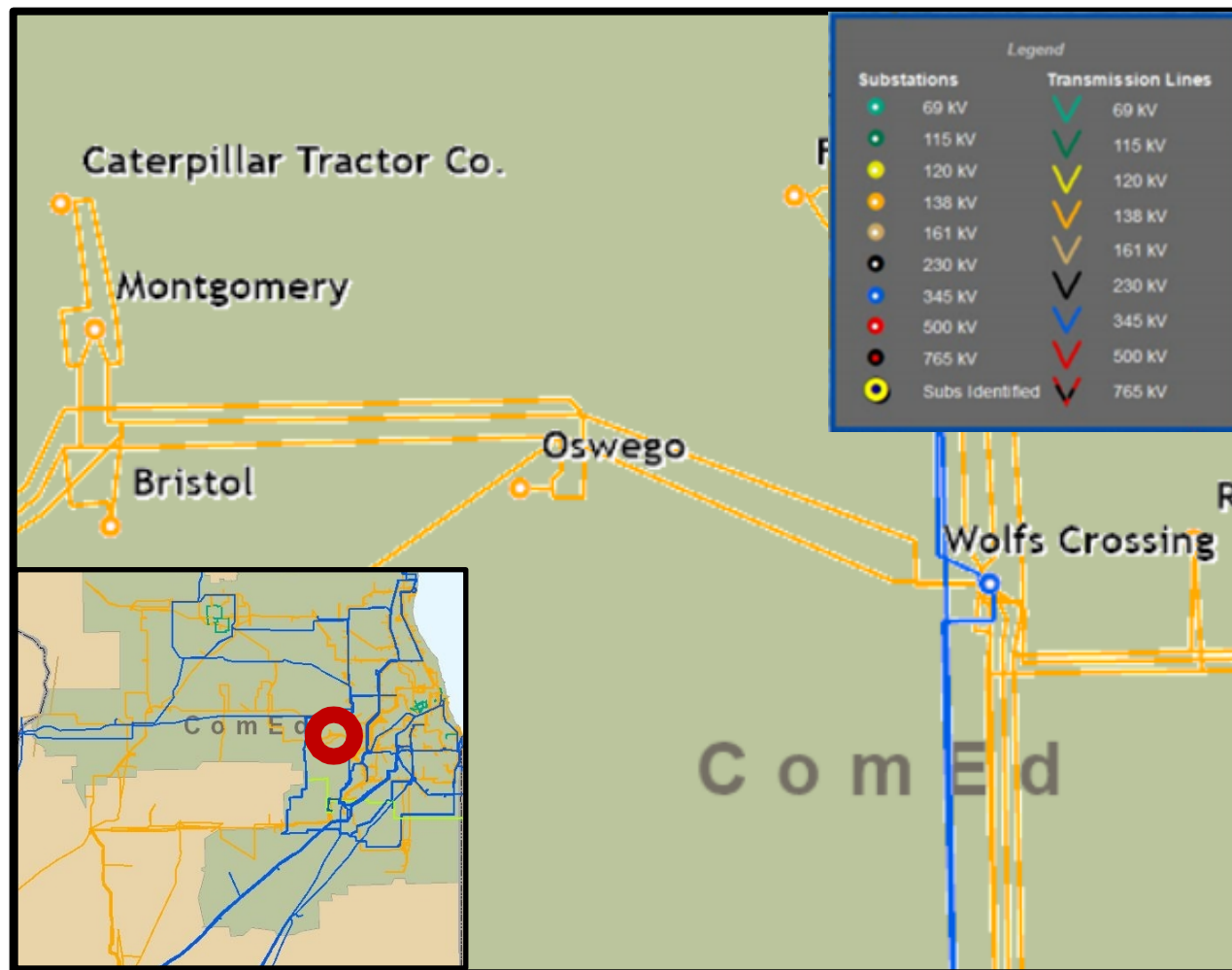
Projected In-Service: 12/31/28

Project Status: Conceptual

Model: 2030 RTEP

SRRTEP – ComEd Supplemental 9/18/2026

ComEd Transmission Zone M-3 Process Wolfs Crossing to Montgomery



Need Number: ComEd-2026-013

Process Stage: Solutions Meeting 9/18/2026

Previously Presented: Need Meeting 8/14/2026

Project Driver:

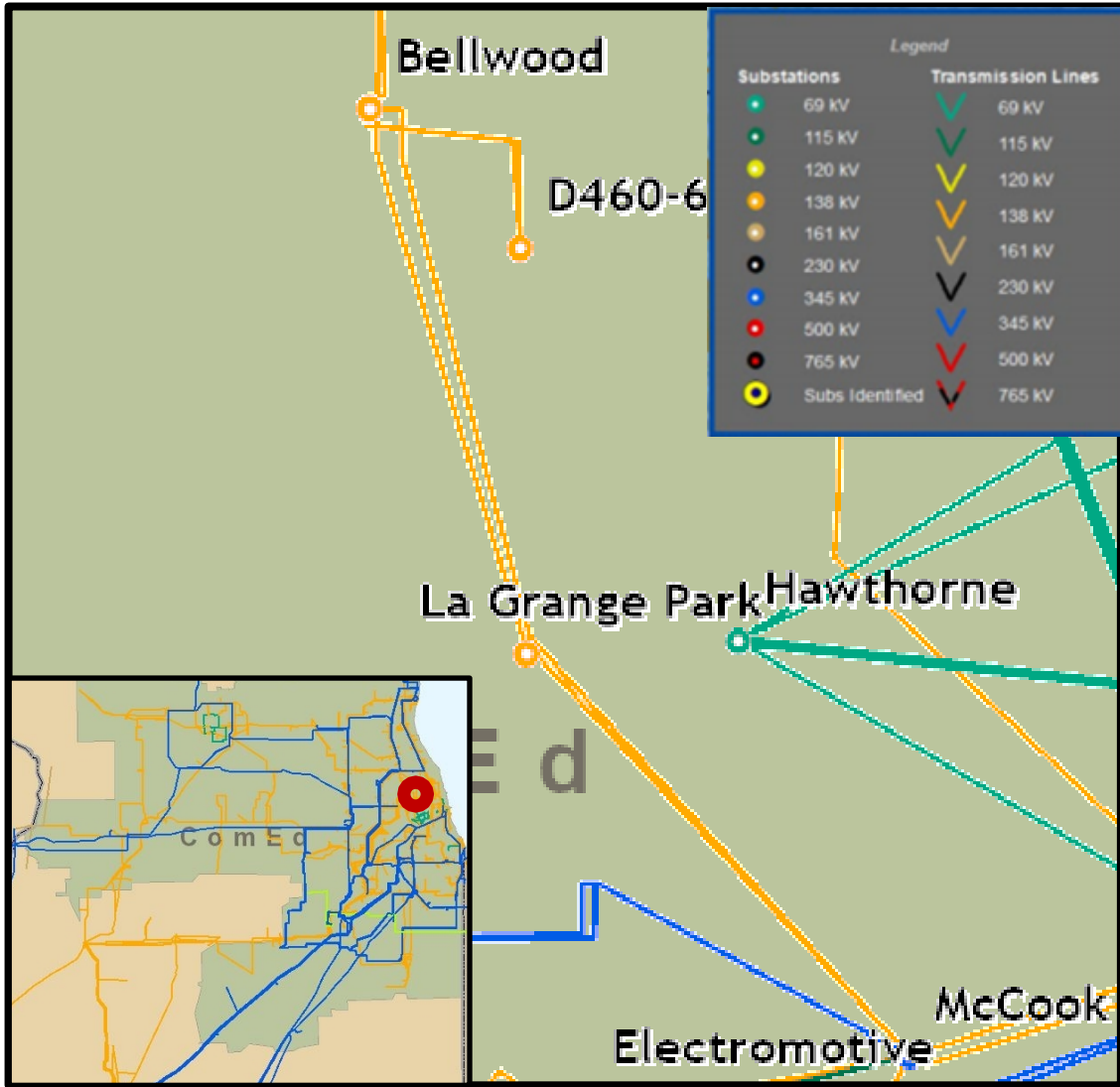
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

Problem Statement:

- 138kV lines L5117 & L5118 from Bellwood to LaGrange Park to McCook have outdated Power Line Carrier communication equipment.



Need Number: ComEd-2026-013

Process Stage: Solutions Meeting 9/18/2026

Proposed Solution:

Remove line traps on 138kV lines L5117 & L5118 at Bellwood and at LaGrange Park and convert to fiber communication. The line trap removals resulted in increasing the associated facility ratings as seen below:

MVA Ratings	SN/SLTE/SSTE/SLD	LN/LLTE/LSTE/LLD	WN/WLTE/WSTE/WLD
LaGrange Park Tap to Bellwood (Red)			
Existing	293/333/357/394	316/353/387/436	322/359/395/448
New	351/449/460/498	351/449/460/498	351/449/460/498
LaGrange Park Tap to Bellwood (Blue)			
Existing	292/330/373/425	311/347/405/473	316/352/413/485
New	351/449/460/498	351/449/460/498	351/449/460/498

Estimated Cost: \$ 300K

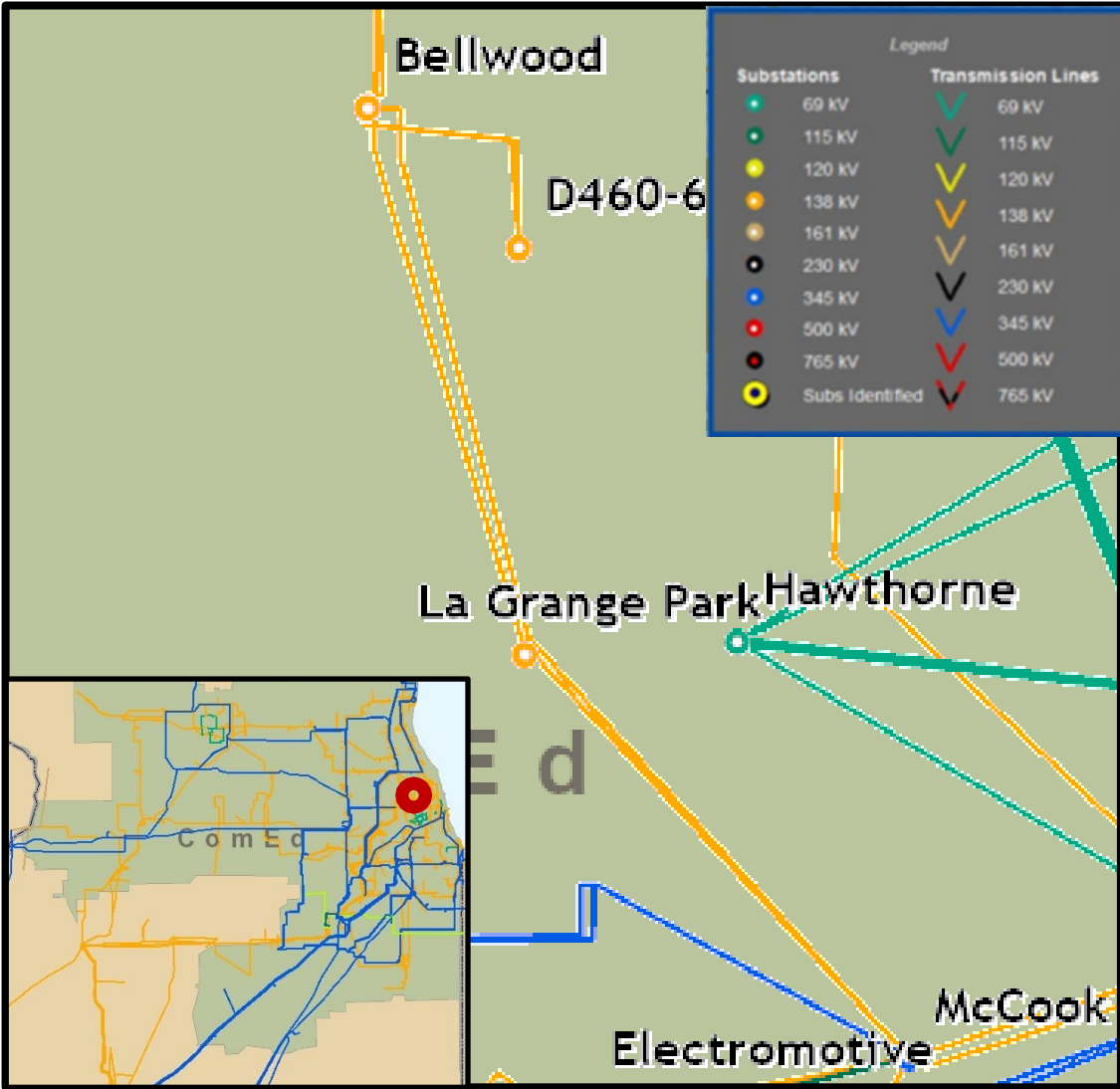
Alternatives Considered:

No feasible alternatives.

Projected In-Service: 11/30/2026

Project Status: Engineering

Model: 2030 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

9/8/2026 – V1 – Original version posted to pjm.com