



TEAC - Western Committee ComEd Supplemental Projects

September 13, 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-2024-018

Process Stage: Need Meeting 9/13/2024

Project Driver:

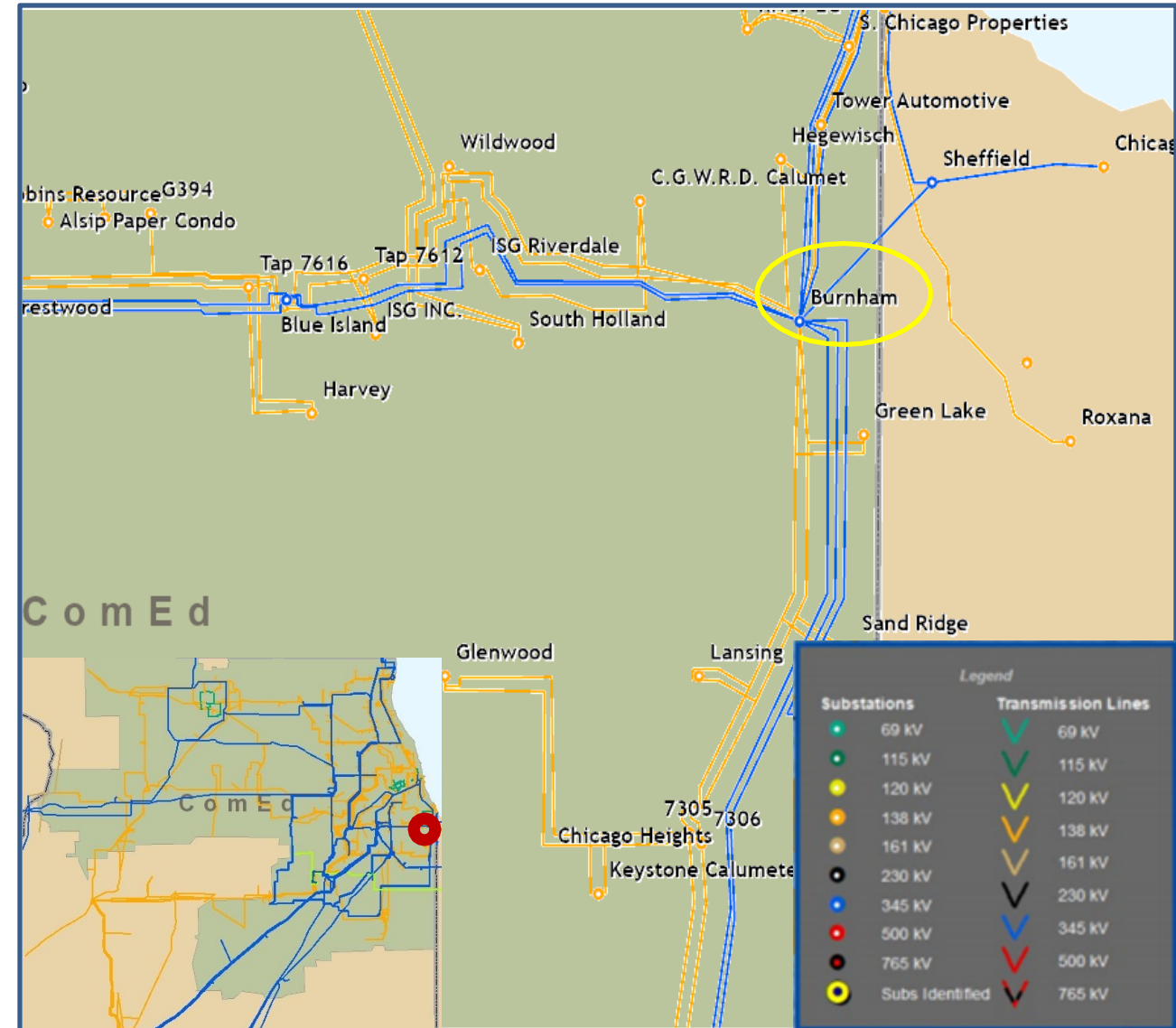
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

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

Problem Statement:

- Burnham 345kV BT1-2 oil circuit breaker was installed in 1971. It is in deteriorating condition, has a lack of replacement parts and has elevated maintenance costs.



Need Number: ComEd-2024-019

Process Stage: Need Meeting 9/13/2024

Project Driver:

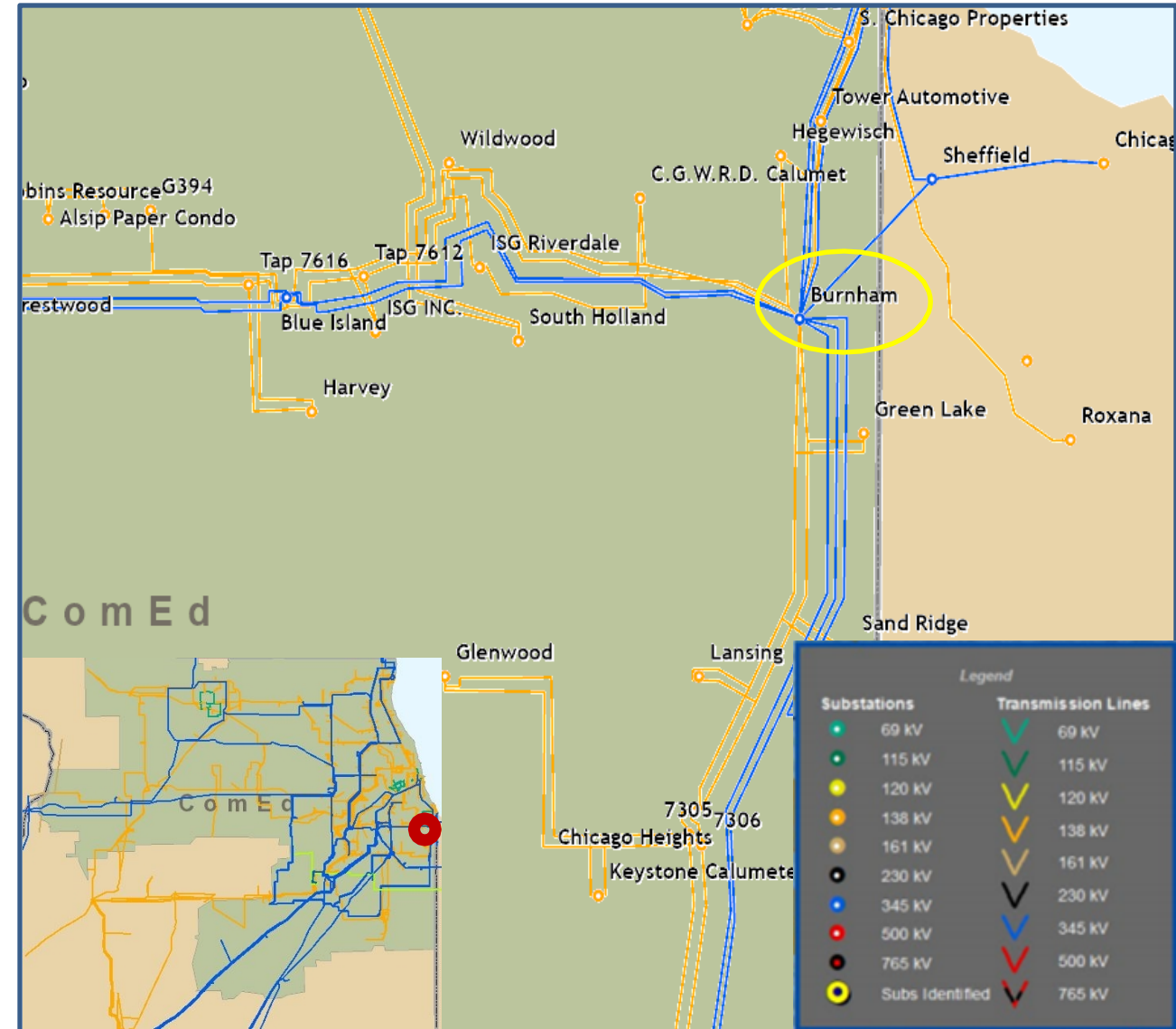
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

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

Problem Statement:

- Burnham 345kV BT2-13 oil circuit breaker was installed in 1971. It is in deteriorating condition, has a lack of replacement parts and has elevated maintenance costs.



Need Number: ComEd-2024-020

Process Stage: Need Meeting 9/13/2024

Project Driver:

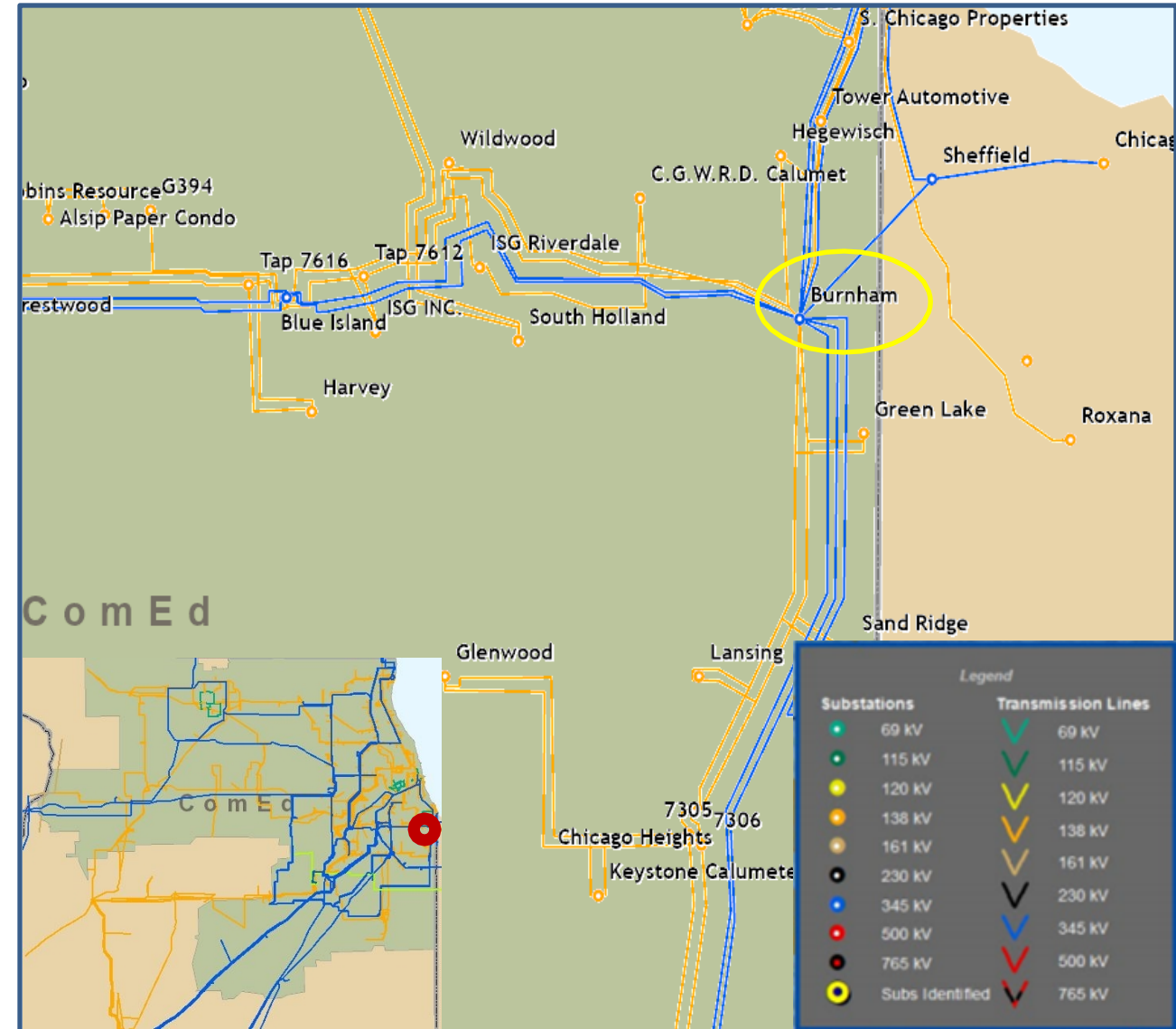
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

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

Problem Statement:

- Burnham 345kV BT12-13 oil circuit breaker was installed in 1988. It is in deteriorating condition, has a lack of replacement parts and has elevated maintenance costs.



Need Number: ComEd-2024-021

Process Stage: Need Meeting 9/13/2024

Project Driver:

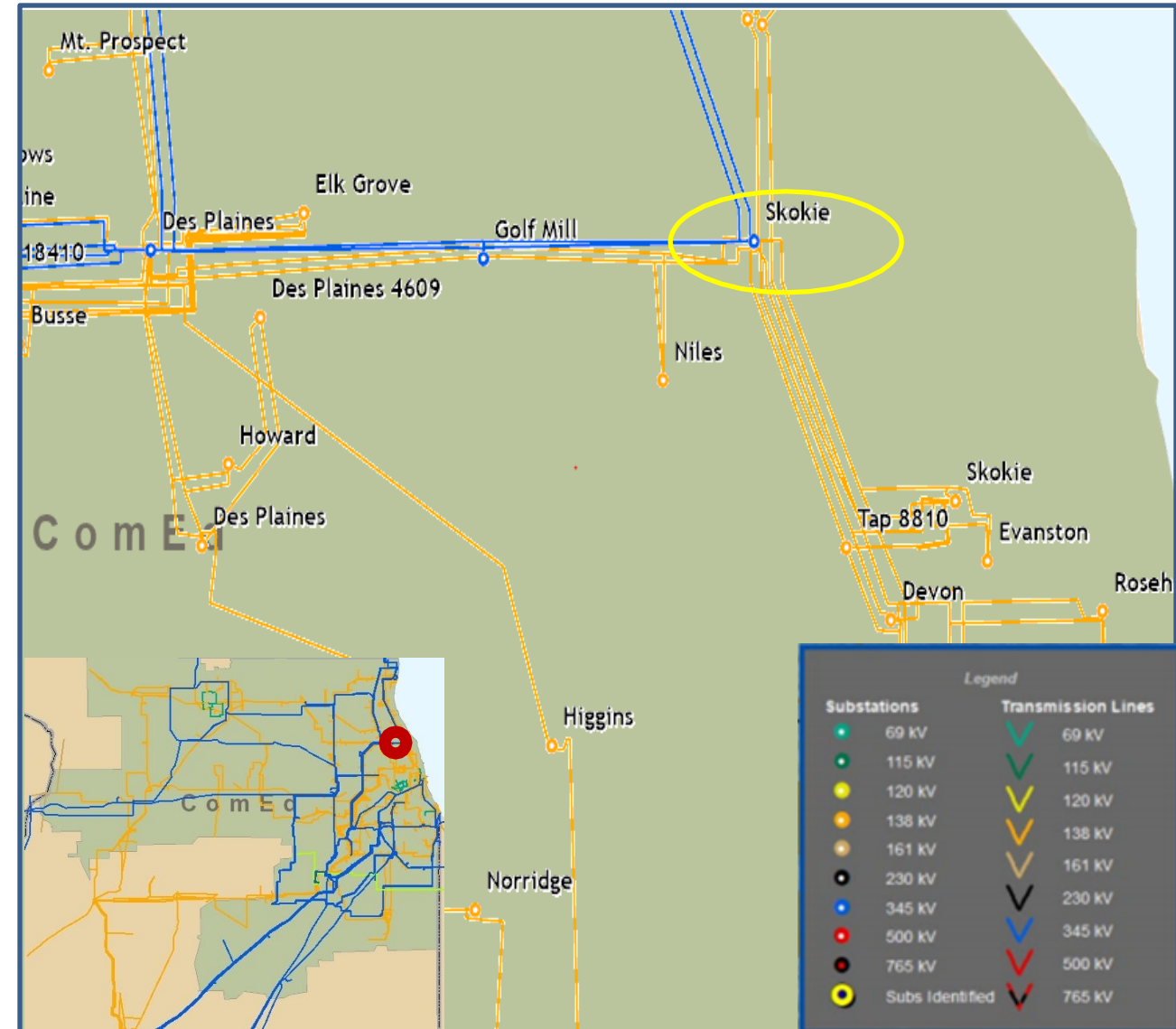
Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

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

Problem Statement:

- 345/138 kV autotransformer 82 at Skokie was installed in 1975.
- Acoustics test results showed sharp increases in sonic and ultrasonic levels and increases in vibration levels associated with the looseness of the core/coil assembly
- Autotransformer cannot be re-blocked.
- 138 kV Transformer 82 oil circuit breaker was installed in 1974. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance costs.



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

9/3/2024 – V1 – Original version posted to pjm.com