

TEAC Committee ComEd Supplemental Project

March 10, 2020

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-2020-001

Process Stage: Need Meeting 3/10/2020

Project Driver:

Equipment Material Condition, Performance and Risk

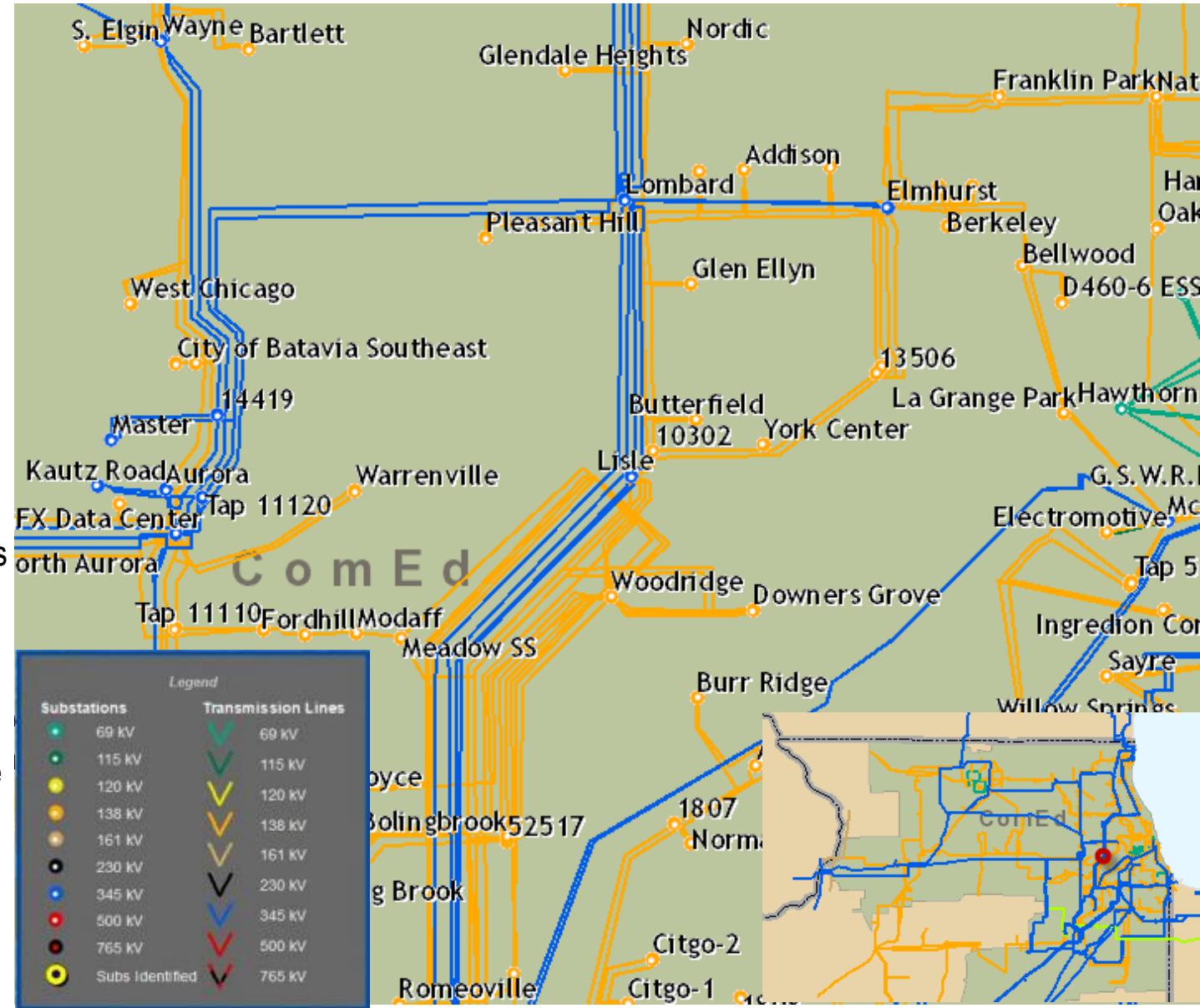
Specific Assumption Reference:

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

Problem Statement:

Lisle 345/138 kV Transformer #83 acoustic testing shows higher than expected vibration levels and increased frequencies associated with looseness in the core/coil assembly.

- Looseness has worsened since previous testing
- Shell form design that cannot be re-blocked
- Dissolved gas analysis shows insulation degradation.
- Last unit of 5 that were purchased with this design. 3 of the 5 failed catastrophically and one other was condemned before failure.



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

2/27/2020 – V1 – Original version posted to pjm.com

3/10/2020 – V2 – Slide #3, Correct Need Meeting date