



SRRTEP - Western Committee ComEd Supplemental Projects

February 17, 2021

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-2020-012

Process Stage: Solutions Meeting February 17, 2021

Previously Presented: December 18, 2020

Project Driver:

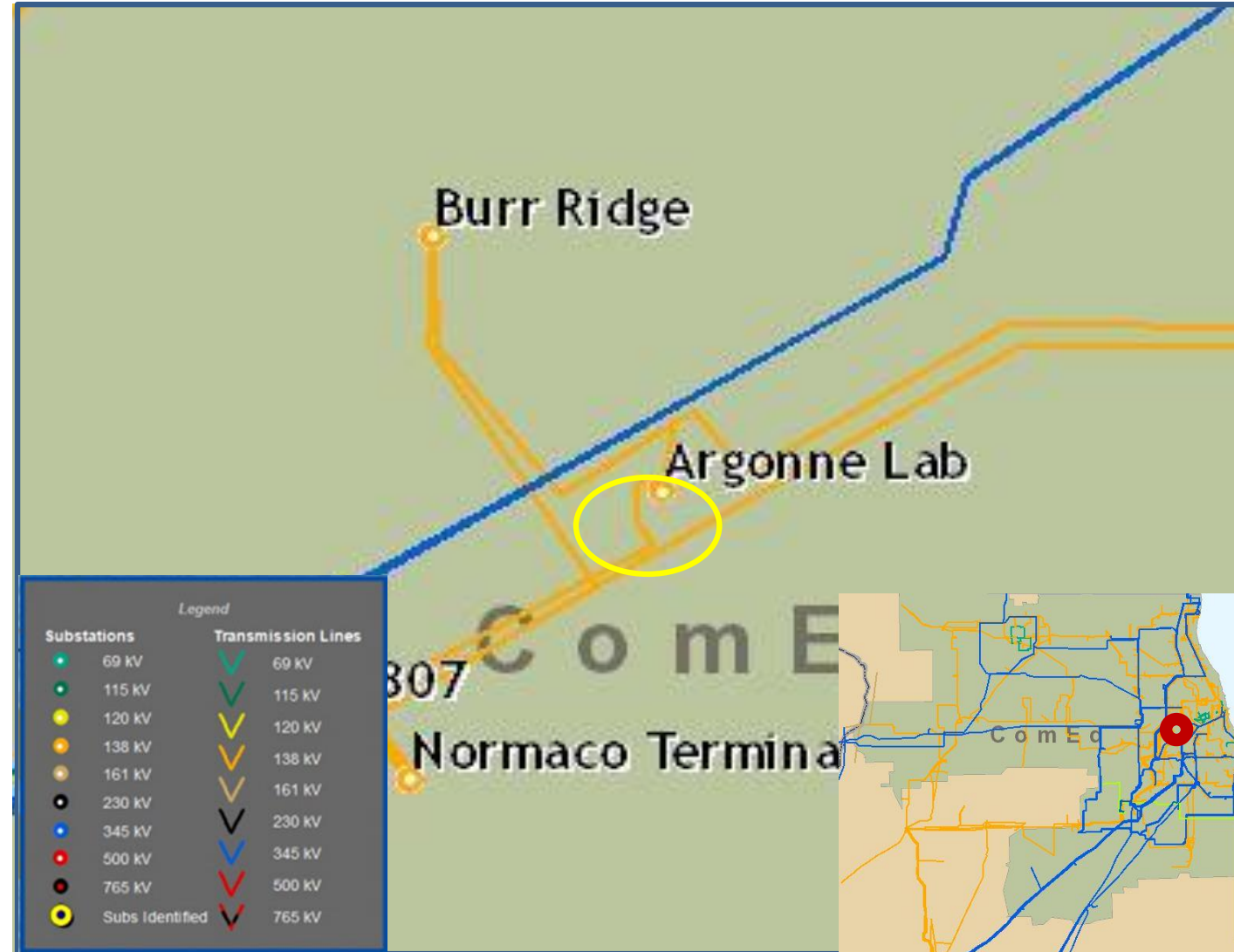
Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

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

Problem Statement:

4 Current Transformers on 138 kV BT1-2 breaker at ESSJ310 are failing and there is a risk of mis-operation or overtripping. Breaker age is 70 years old. Components are obsolete; therefore repair is impossible.



Need Number: ComEd-2020-012

Process Stage: Solutions Meeting February 15, 2021

Proposed Solution:

- Replace 138 kV BT 1-2 at ESS J310

Old fault rating was 14.6 kA.

New fault rating will be 63 kA.

Estimated cost: \$2.1M

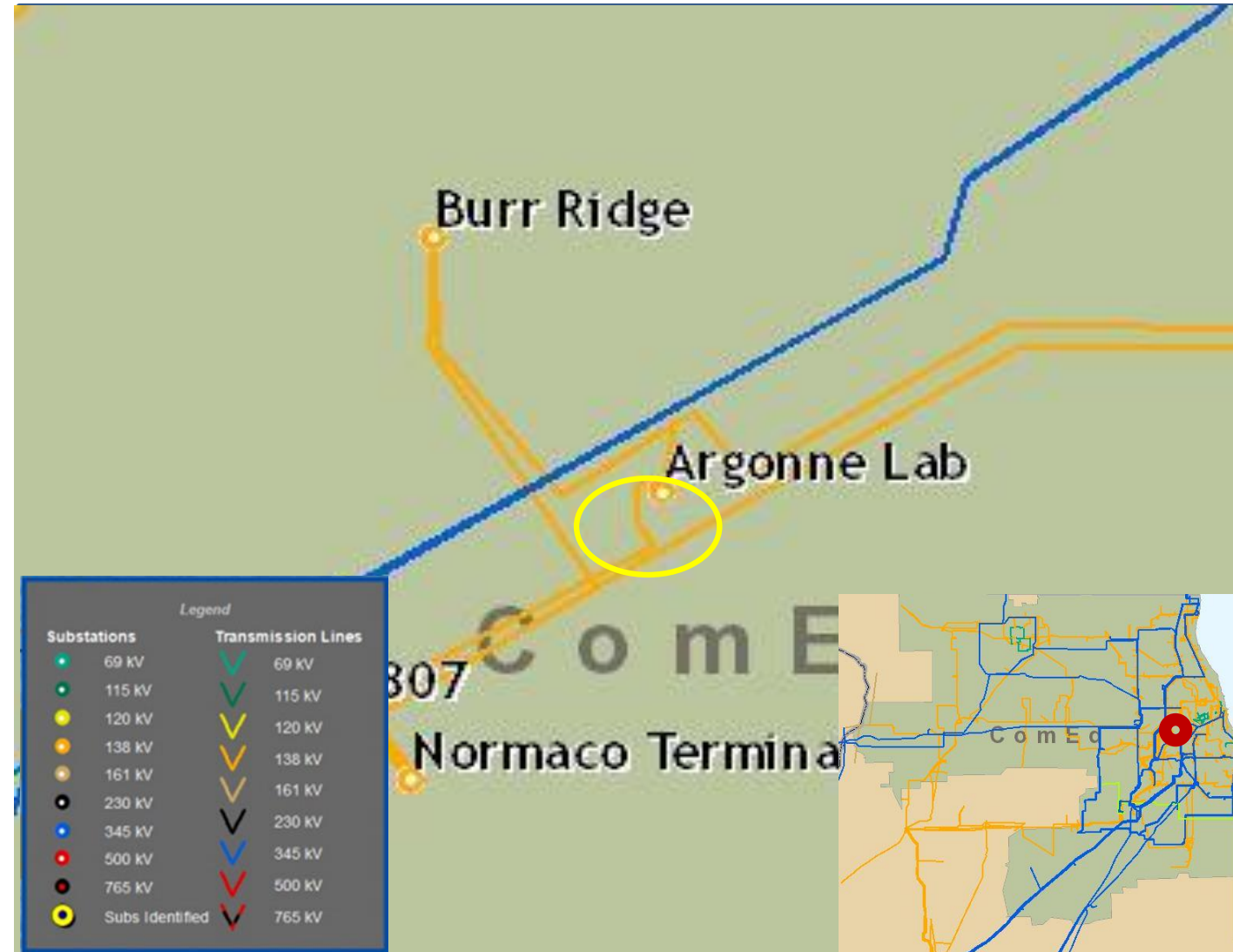
Alternatives Considered:

1. Do nothing – maintenance issue remains

Projected In-Service: 12/31/21

Project Status: Conceptual

Model: 2025 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

2/5/2021 – V1 – Original version posted to pjm.com