



SRRTEP - Western Committee ComEd Supplemental Projects

June 17, 2026

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-2026-010

Process Stage: Solution Meeting 7/17/2026

Previously presented: Need Meeting 6/17/2026

Project Driver:

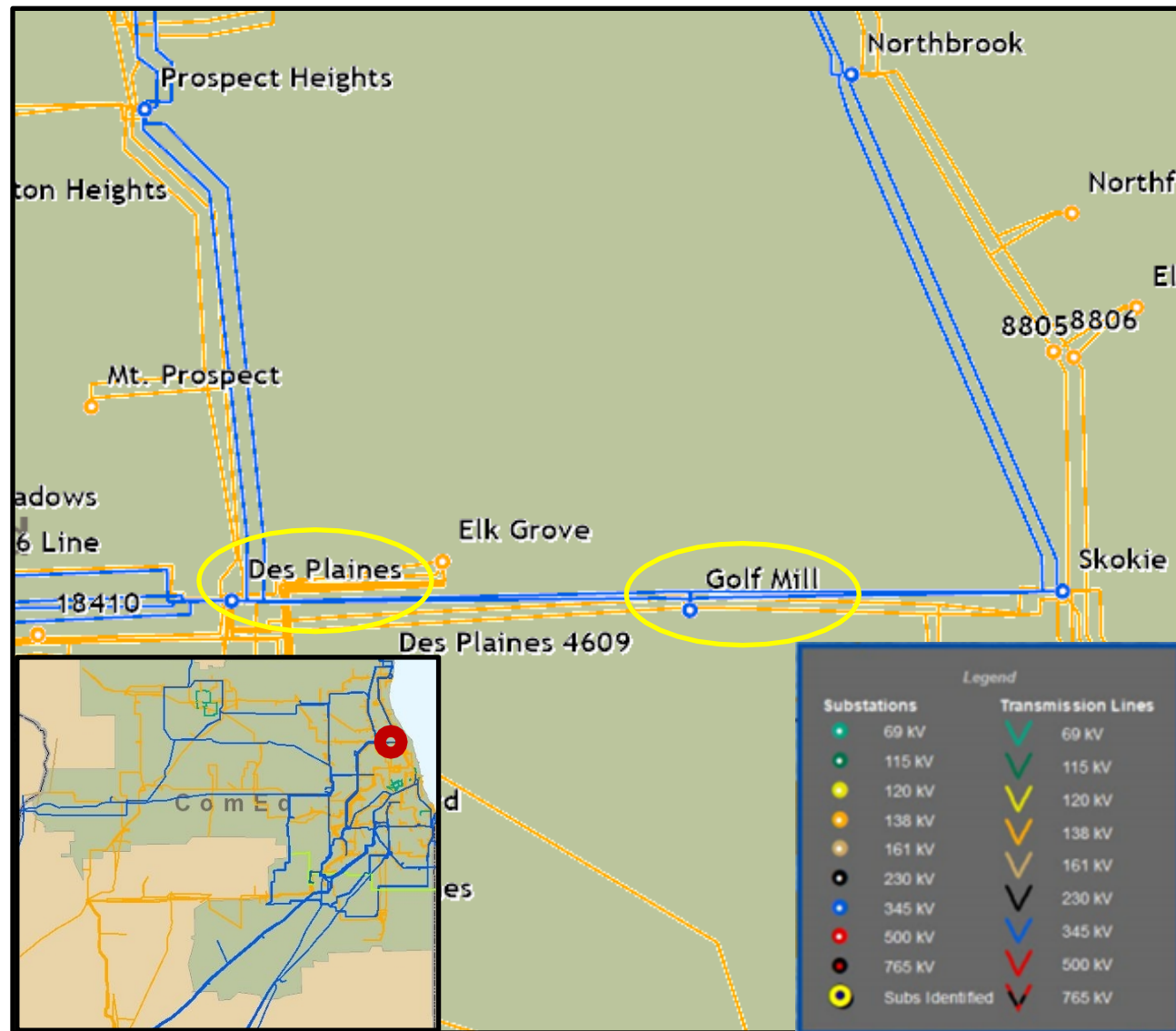
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

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

Problem Statement:

- Des Plaines autotransformer 345KV/138KV TR84 - 34KV 108MVAR Tertiary Capacitor Banks were installed in 1996.
- Tertiary capacitor bank failures stress the 345KV/138kV transformers and have caused transformer failures in the past



ComEd Transmission Zone M-3 Process Des Plaines 345KV/138KV TR 34KV Tertiary Caps

Need Number: ComEd-2026-010

Process Stage: Solution Meeting 7/17/2026

Proposed Solution:

Phase 1:

- Install 138KV 115MVAR Bus 4 Capacitor Banks and associated equipment at Golf Mill Substation (\$9.06M)

Phase 2:

- Remove the 34KV 108MVAR Tertiary Capacitor Banks on Des Plaines 345KV/138KV Transformer TR84 (\$1.85M)

Des Plaines 345/138 KV TR 84			
MVA Ratings	SN/SLTE/SSTE/SLD	LN/LLTE/LSTE/LLD	WN/WLTE/WSTE/WLD
Existing	400/465/490/500	419/472/496/506	428/475/498/508
New	420/480/500/515	440/487/506/522	450/490/508/524

Total Estimated Cost: \$ 10.91M

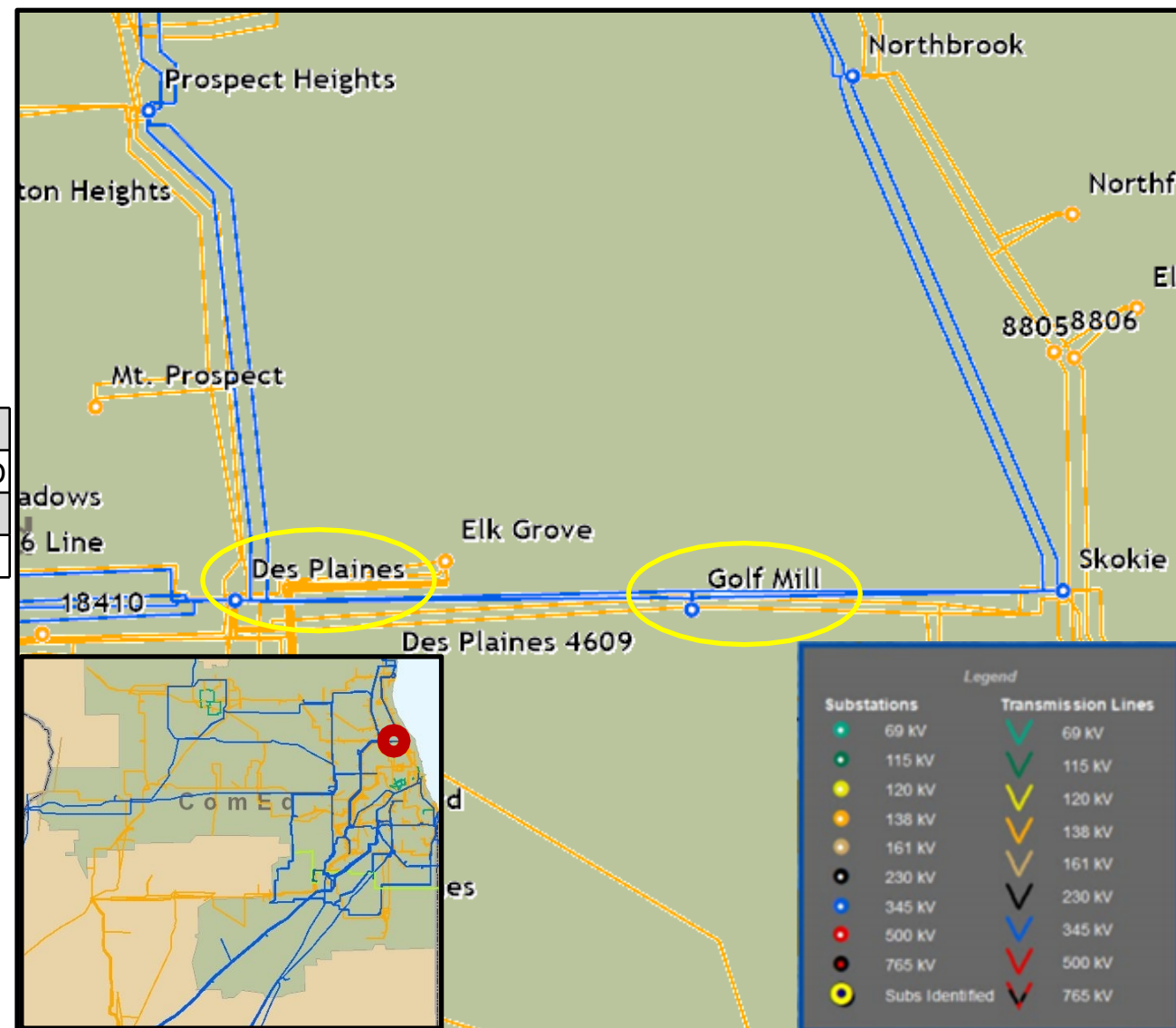
Alternatives Considered:

1. Remove Des Plaines TR84 34KV Tertiary Capacitor Banks and install 138KV Capacitor Bank at Busse (\$10.2M). Not selected due to available space at Golf Mill
2. Purchase additional property to rebuild Des Plaines 138KV Bus (\$40.0M). Not selected due to cost and lack of available land in area

Projected In-Service: 12/31/2027 (Phase 1), 12/31/28 (Phase 2)

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

7/7/2026 – V1 – Original version posted to pjm.com