



# SRRTEP - Western Committee ComEd Supplemental Projects

August 18, 2023

# 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-2023-005

**Process Stage:** Need Meeting 8/18/2023

**Project Driver:**

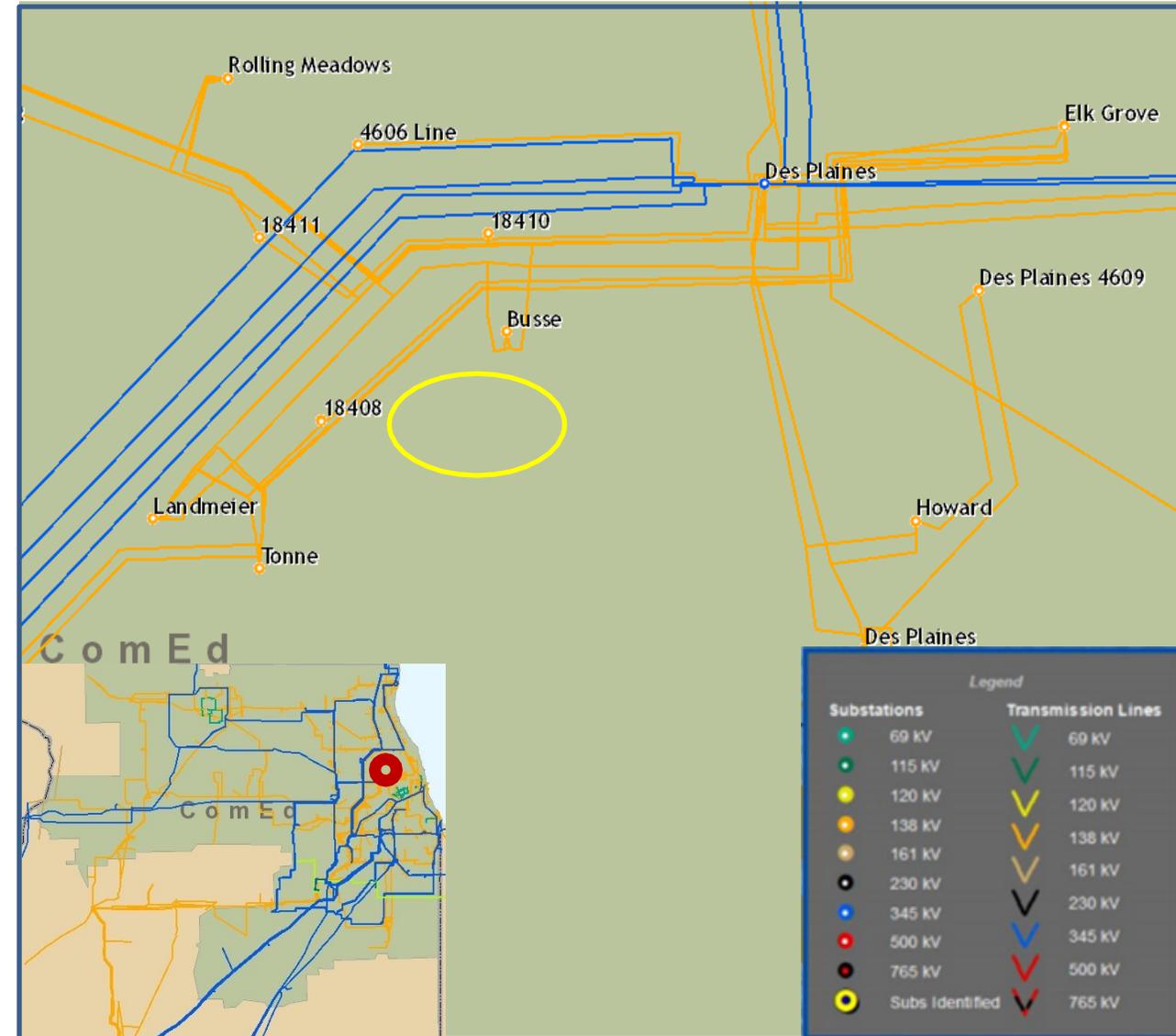
Customer Service

**Specific Assumption Reference:**

- New transmission customer interconnections or modification to an existing customer

**Problem Statement:**

New customer is looking for transmission service in Elk Grove. Initial loading is expected to be 133 MW in June 2026, 209 MW in 2028, with an ultimate load of 246 MW.



**Need Number:** ComEd-2023-006

**Process Stage:** Need Meeting 8/18/2023

**Project Driver:**

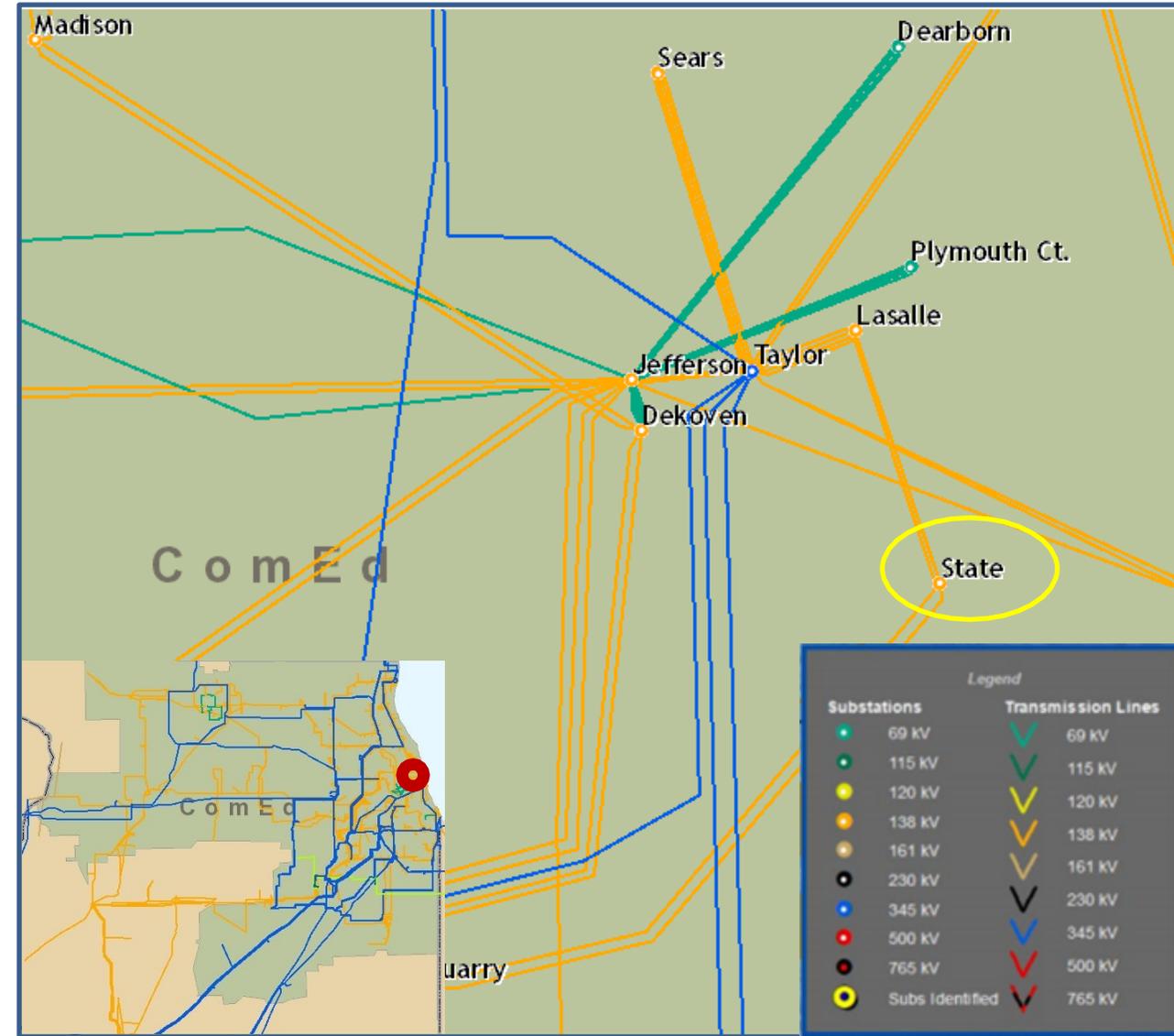
Customer Service

**Specific Assumption Reference:**

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

**Problem Statement:**

ComEd Distribution has a need for an additional 138-12 kV transformer at State substation.



# 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-2023-002

**Process Stage:** Solutions Meeting 8/18/2023

**Previously Presented:** Need Meeting 4/21/2023

**Project Driver:**

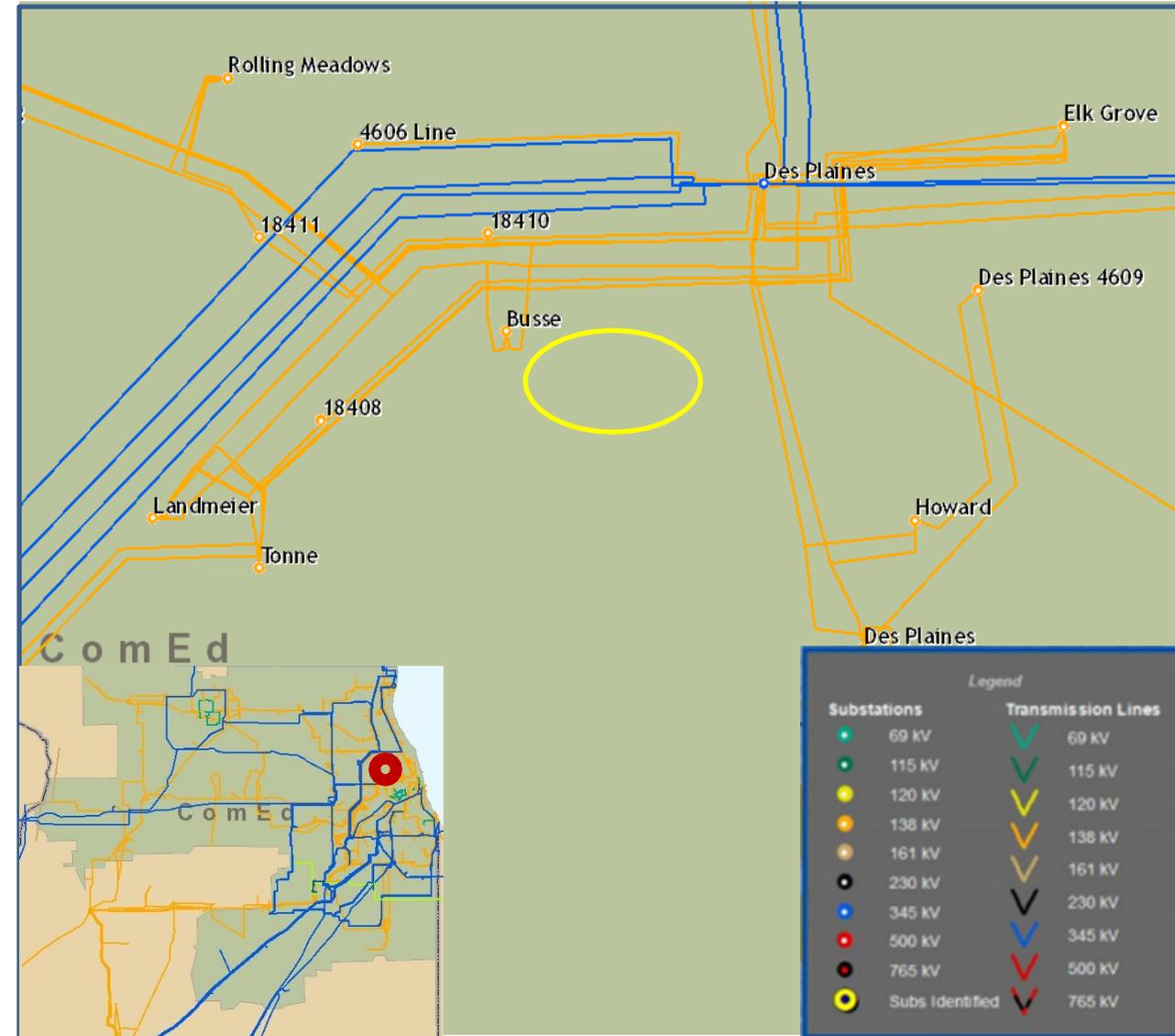
Customer Service

**Specific Assumption Reference:**

- New transmission customer interconnections or modification to an existing customer

**Problem Statement:**

New customer is looking for transmission service in Elk Grove. Initial loading is expected to be 9.6 MW in June 2026, 30.7 MW in 2028, with an ultimate load of 288 MW.



**Need Number:** ComEd-2023-002

**Process Stage:** Solutions Meeting 8/18/2023

**Previously Presented:** Need Meeting 4/21/2023

**Preferred Solution:**

New customer will be radially served with 2 new, two mile 138 kV lines from Elk Grove. Customer substation will be double ring bus configuration with 4 – 138 kV to 34 kV transformers. Expand Elk Grove to accommodate new line positions.

Estimated transmission cost: \$18M

**Alternatives Considered:**

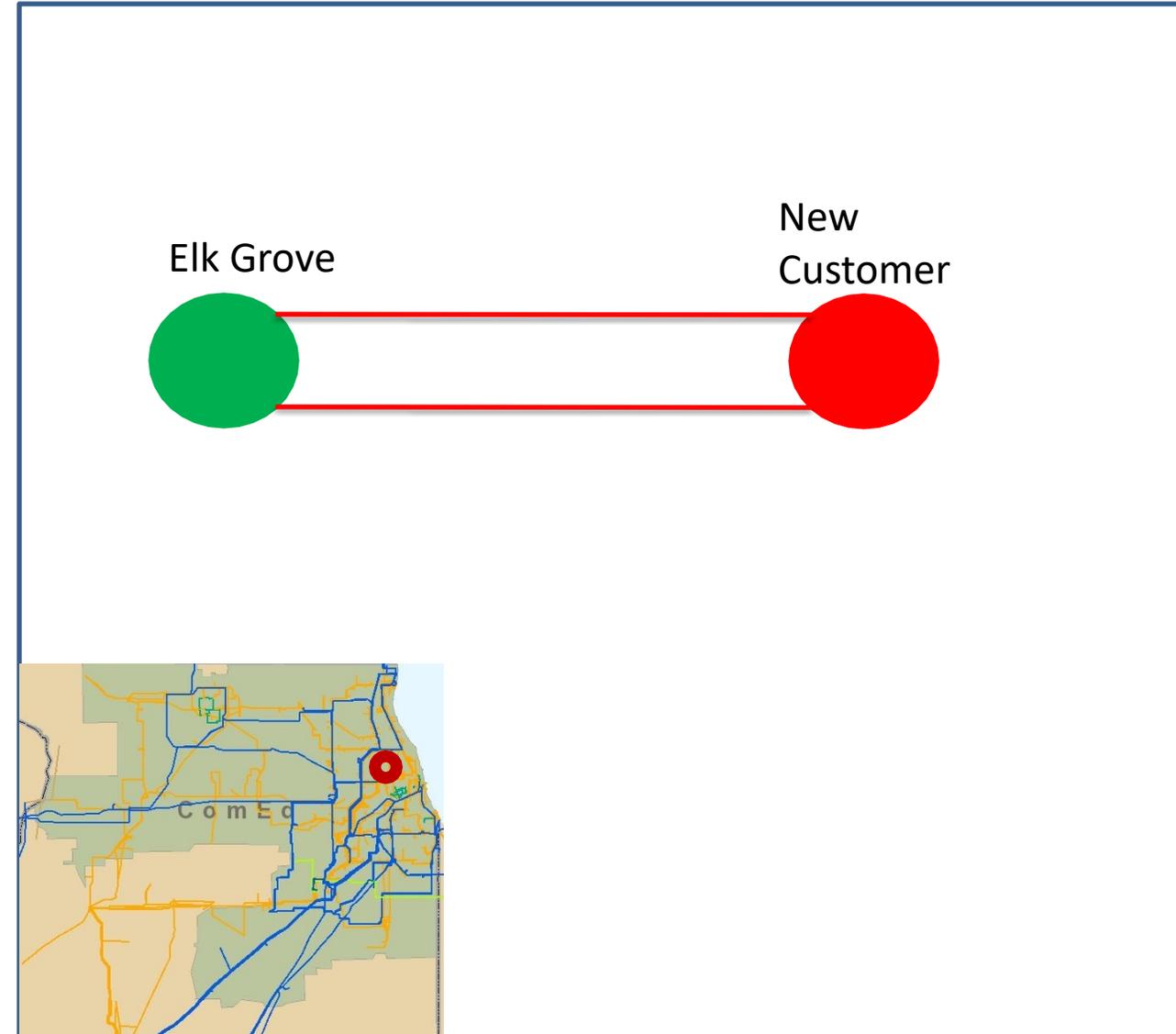
Feed customer substation radially from Des Plaines with 2 new 3.5 mile 138 kV lines. This alternative was not considered due to longer distance and rebuild of Des Plaines 138 kV bus to accommodate new line positions.

Estimated transmission cost: \$100M

**Projected In-Service:** 12/31/25

**Project Status:** Conceptual

**Model:** 2027 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

8/8/2023 – V1 – Original version posted to pjm.com