



# SRRTEP - Western Committee ComEd Supplemental Projects

February 13, 2026



## Exelon Supplemental Needs Withdrawal

Need Number	TO	Area	Needs Meeting	Solutions Meeting	Project Name	Project Description	TO Notes
ComEd-2025-019	ComEd	PJM West	9/19/2025	N/A	Customer in Chicago	New customer is looking for transmission service in the Chicago area. Initial loading is expected to be 47.2 MW in June 2029 with an ultimate load of 300 MW in 2030.	Withdraw Need

# 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-2026-002

**Process Stage:** Need Meeting 2/13/2026

**Project Driver:**

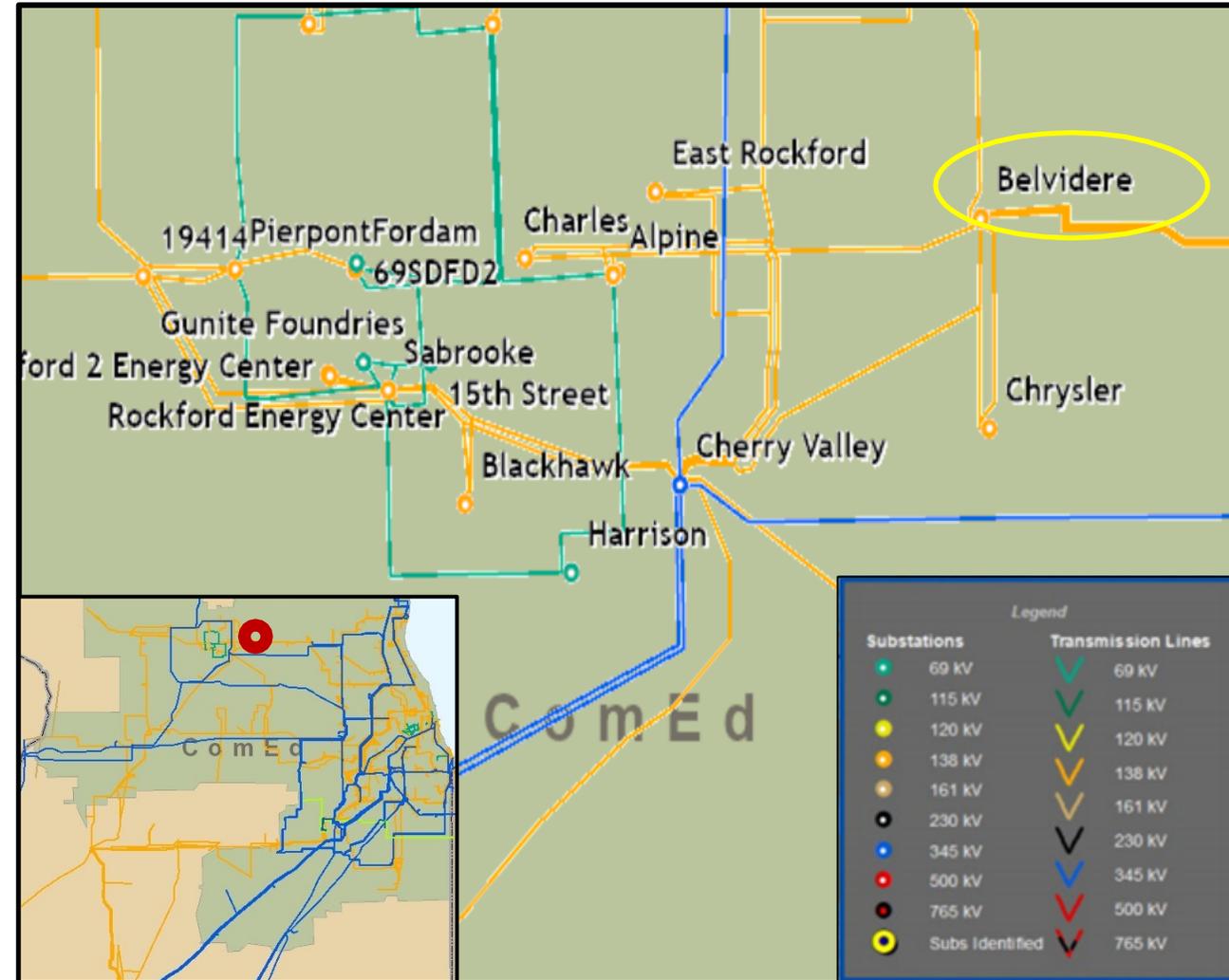
Operational Flexibility and Efficiency, Infrastructure Resilience

**Specific Assumption Reference:**

- Enhancing system functionality, flexibility, visibility, or operability

**Problem Statement:**

- Belvidere is currently a Straight Bus Substation with six 138KV Lines, two bus-tie breakers, and two 138KV/12KV distribution transformers. A failure of any circuit breaker results in an outage of half of the station.
- Lack of 138KV Red-Blue bus-tie results in operational concerns during line outage scenarios due to lack of sources.



# 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-2026-001

**Process Stage:** Solution Meeting 2/13/2026

**Previously Presented:** Need Meeting 1/16/2026

**Project Driver:**

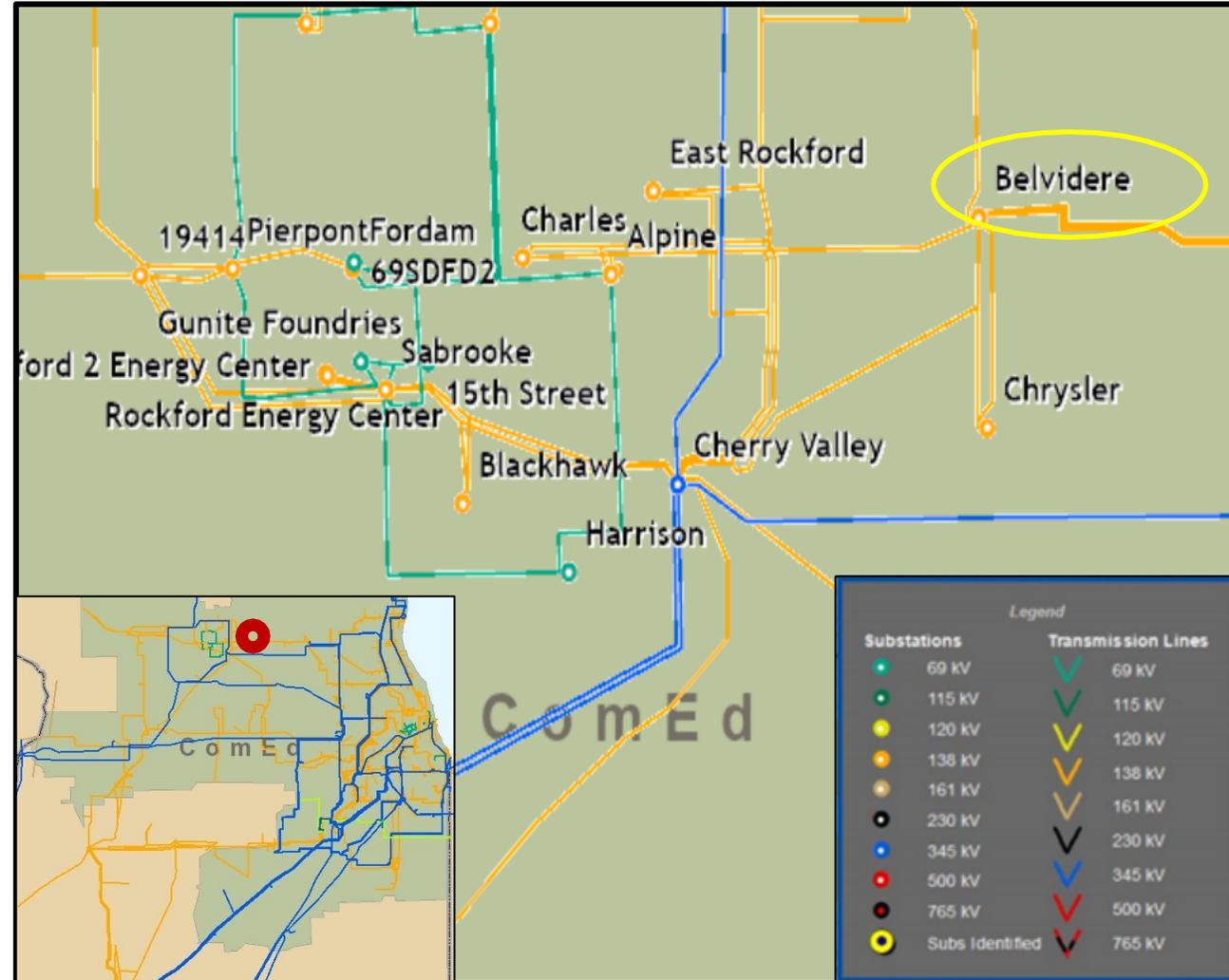
Equipment Material Condition, Performance, and Risk

**Specific Assumption Reference:**

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, cables, etc.

**Problem Statement:**

Belvidere 138KV BT3-4 and Belvidere to Marengo (BT) electromechanical relays are obsolete and are being phased out of the system. It is becoming difficult to service existing electromechanical relays.



**Need Number:** ComEd-2026-001

**Process Stage:** Solution Meeting 2/13/2026

**Proposed Solution:**

- Upgraded Belvidere 138KV BT 3-4 and Belvidere to Marengo (BT) Relays, and associated relay settings. The Relay replacement resulted in increasing the associated facility ratings as seen below:

Belvidere to Marengo (BT)			
MVA Ratings	SN/SLTE/SSTE/SLD	LN/LLTE/LSTE/LLD	WN/WLTE/WSTE/WLD
Existing	269/349/459/495	307/380/459/540	316/388/459/550
New	269/349/459/495	307/380/495/540	316/388/502/550
Belvidere to Chrysler (BT)			
MVA Ratings	SN/SLTE/SSTE/SLD	LN/LLTE/LSTE/LLD	WN/WLTE/WSTE/WLD
Existing	351/449/459/495	408/459/559/540	421/459/459/550
New	351/449/459/495	408/490/502/540	421/500/512/561

**Estimated cost:** \$200K

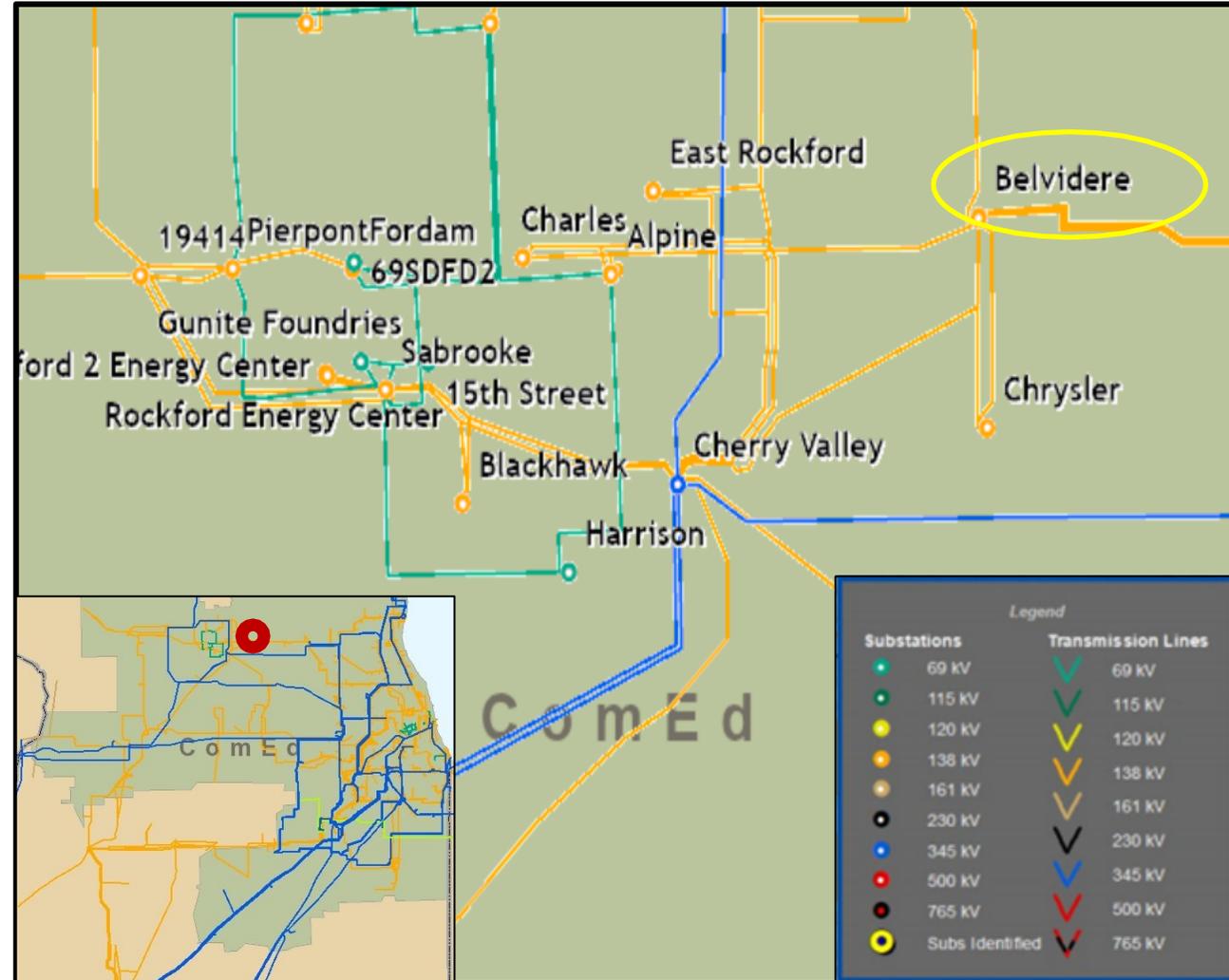
**Alternatives Considered:**

- No feasible alternatives available

**In-Service:** 10/31/2025

**Project Status:** In Service

**Model:** 2029 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

2/3/2026 – V1 – Original version posted to pjm.com

2/12/2026 – V2 – Typos corrected