



SRRTEP - Western Committee ComEd Supplemental Projects

June 16, 2023

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-2023-003

Process Stage: Solutions Meeting 6/16/2023

Previously Presented: Need Meeting 4/21/2023

Project Driver:

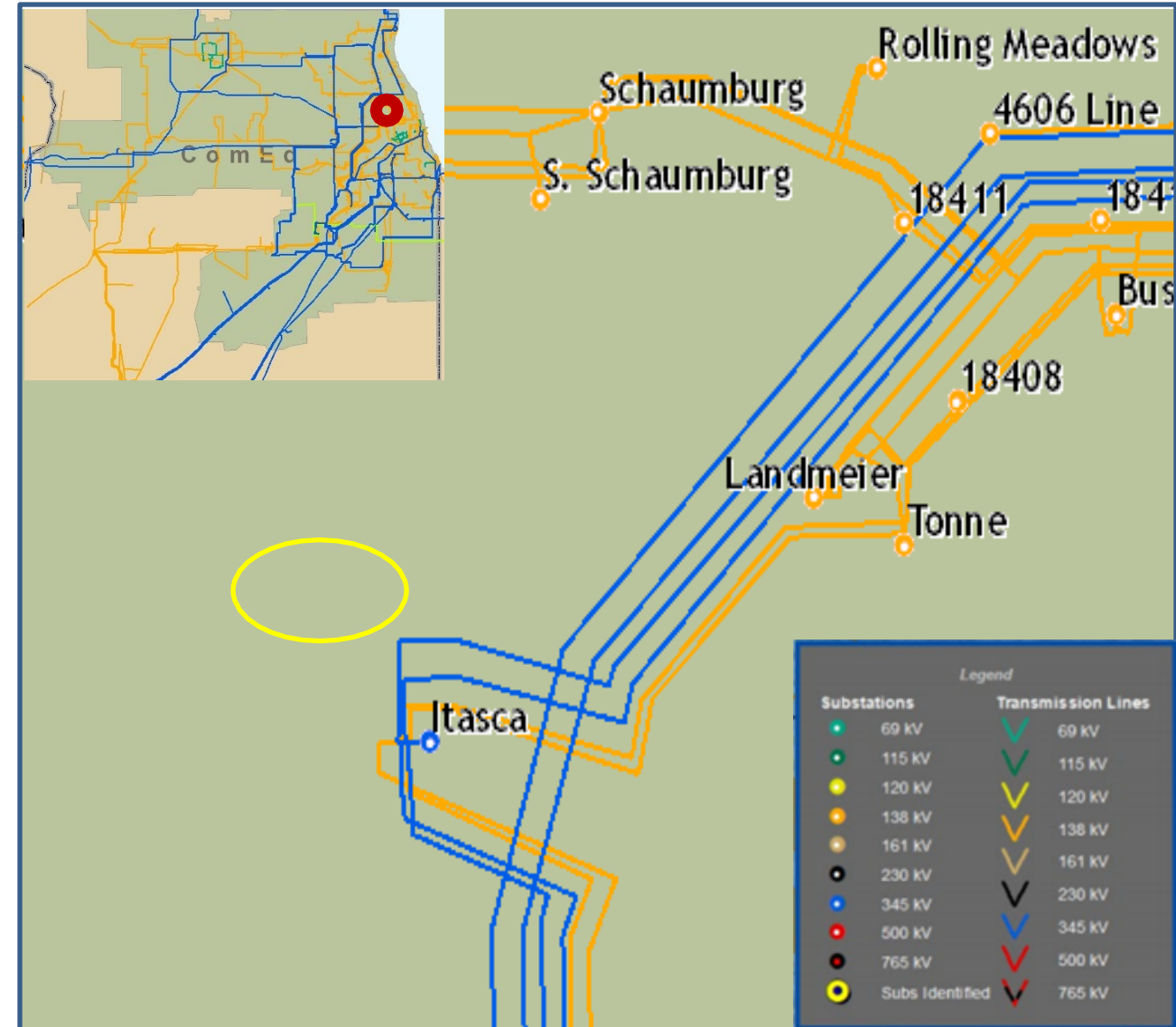
Customer Service

Specific Assumption Reference:

- New transmission customer interconnections or modification to an existing customer

Problem Statement:

New customer is looking for transmission service in Itasca. Initial loading is expected to be **117 MW** in 2026, **218 MW** in 2028, with an ultimate load of 299 MW.



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Preferred Solution:

- New customer will be radially served with 2 new 1 mile 138 kV lines from Itasca. Customer substation will be double ring bus configuration with 4 – 138 kV to 34 kV transformers.
- Additionally, at Itasca, 138 kV line Itasca – Lombard will be moved from Bus 1 to its own position on new Bus 15. BT 3-4 CB will be installed at Itasca.

Estimated transmission cost: \$8M

Alternatives Considered:

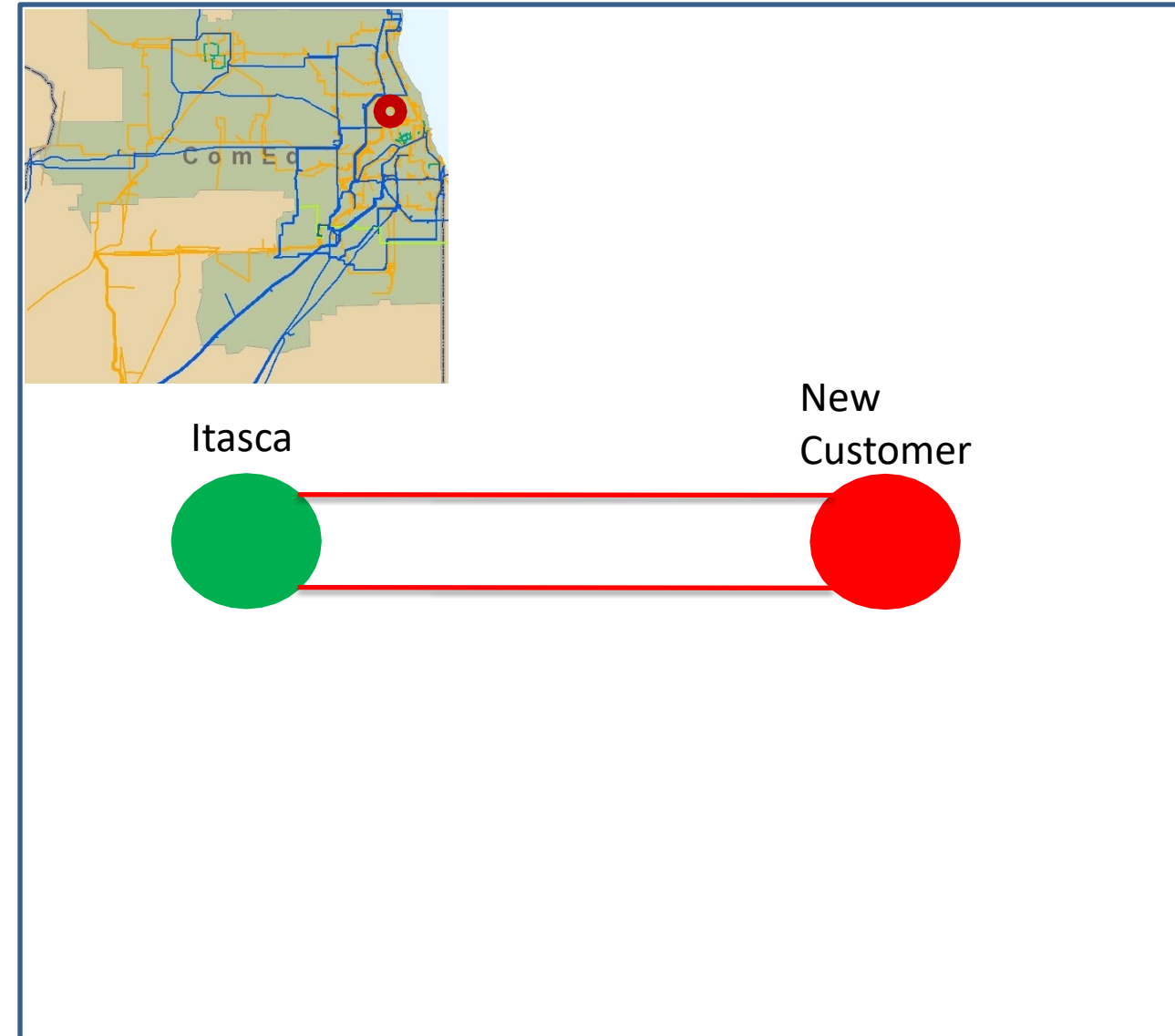
Cut into 138 kV lines Tonne – Itasca. Extend 138 kV lines 1 mile to customer location to connect to new double ring bus substation. This alternative was not selected due to higher cost.

Estimated transmission cost: \$50M

Projected In-Service: 6/1/26

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

6/6/2023 – V1 – Original version posted to pjm.com