



Transmission Expansion Advisory Committee ComEd Supplemental Needs Withdrawal

December 5, 2023

Need Number	TO	Area	Needs Meeting	Project Name	Project Description
ComEd-2023-013	ComEd	PJM West	10/31/2023	Bedford Park 345/138 kV Transformer 83	<ul style="list-style-type: none"> • 345 -138 kV autotransformer 83 was installed in 1993. It is one of five similar transformers purchased by ComEd. Two have failed in service and one other is being replaced on supplemental project S2266. Another is proposed to be replaced on ComEd-2023-011. • Undersized core allows for overexcitation during loading causing overheating of metal, partial discharge, and circulating currents. • Due to the hydrogen levels, the transformer must be taken out of service periodically and degasified.

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

11/22/2023 – V1 – Original version posted to pjm.com