

Autotransformer at Itasca

General Information

Proposing entity name	Company confidential and proprietary information.
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	Company confidential and proprietary information.
Company proposal ID	Company confidential and proprietary information.
PJM Proposal ID	816
Project title	Autotransformer at Itasca
Project description	Autotransformer at Itasca
Email	Company confidential and proprietary information.
Project in-service date	06/2029
Tie-line impact	No
Interregional project	No
Is the proposer offering a binding cap on capital costs?	No
Additional benefits	Company confidential and proprietary information.

Project Components

1. New autotransformer, 345 kV Circuit Breaker and 138 kV Circuit Breaker at Itasca

Substation Upgrade Component

Component title	New autotransformer, 345 kV Circuit Breaker and 138 kV Circuit Breaker at Itasca
Project description	Company confidential and proprietary information.
Substation name	Itasca

Substation zone ComEd

Substation upgrade scope New 420 MVA 345/138 kV autotransformer, 345 kV Circuit Breaker and 138 kV Circuit Breaker at Itasca

Transformer Information

	Name	Capacity (MVA)	
Transformer	Itasca 84	420	
	High Side	Low Side	Tertiary
Voltage (kV)	345	138	34.5
New equipment description	New 420 MVA 345/138 kV autotransformer, 345 kV Circuit Breaker and 138 kV Circuit Breaker at Itasca and associated disconnects and substation bus. The circuit breakers will not impact any existing line or transformer ratings		
Substation assumptions	The project will fit in the existing substation footprint.		
Real-estate description	The project will fit in the existing substation footprint.		
Construction responsibility	Company confidential and proprietary information.		
Benefits/Comments	Company confidential and proprietary information.		
Component Cost Details - In Current Year \$			
Engineering & design	Company confidential and proprietary information.		
Permitting / routing / siting	Company confidential and proprietary information.		
ROW / land acquisition	Company confidential and proprietary information.		
Materials & equipment	Company confidential and proprietary information.		
Construction & commissioning	Company confidential and proprietary information.		
Construction management	Company confidential and proprietary information.		
Overheads & miscellaneous costs	Company confidential and proprietary information.		

Contingency Company confidential and proprietary information.

Total component cost \$14,314,498.00

Component cost (in-service year) \$16,627,961.10

Congestion Drivers

None

Existing Flowgates

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2024W1-N11-ST37	271129	BUSSE ; R	271325	DES PL 46;2R	1	138	222	Summer N-1-1 Thermal	Included
2024W1-N11-ST34	271129	BUSSE ; R	271325	DES PL 46;2R	1	138	222	Summer N-1-1 Thermal	Included

New Flowgates

None

Financial Information

Capital spend start date 01/2025

Construction start date 09/2028

Project Duration (In Months) 53

Additional Comments

None