

STATCOM Solution

General Information

Proposing entity name	Confidential
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	Confidential
Company proposal ID	Confidential
PJM Proposal ID	241
Project title	STATCOM Solution
Project description	STATCOM Solution as an add-on to Proposals 60, 619 and 907
Email	Confidential
Project in-service date	03/2032
Tie-line impact	No
Interregional project	No
Is the proposer offering a binding cap on capital costs?	No
Additional benefits	Confidential

Project Components

1. +300MVar STATCOM Add-on

Greenfield Substation Component

Component title	+300MVar STATCOM Add-on
Project description	Confidential
Substation name	'+300MVar STATCOM Add-on. Location: New 765kV Greenfield Station

Substation description	Install one (1) +300 MVAR (STATCOM) along with one (1) 765/51.8 kV transformer and two (2) 765 kV dead tank breakers.		
Nominal voltage	AC		
Nominal voltage	765		
Transformer Information			
	Name		Capacity (MVA)
Transformer	T1		300
	High Side	Low Side	Tertiary
Voltage (kV)	765	51.8	
Major equipment description	765 kV dead tank circuit breakers, disconnect switches, reactors, STATCOM transformer, STATCOM, and a control house.		
	Normal ratings		Emergency ratings
Summer (MVA)	2390.000000		2390.000000
Winter (MVA)	2749.000000		2749.000000
Environmental assessment	The New 765kV Station with STATCOM will be sited in agricultural land adjacent to an existing 765kV transmission line. No effects on forest, wetland, waterbody, flood zones, sensitive species habitat, or recreational uses are anticipated. The Project will complete a Phase I cultural survey and consult with the State Historic Preservation Office regarding survey findings upon a potential bid award. The Project will also coordinate with state, county, and local agencies to obtain any necessary zoning, stormwater, erosion and sediment control, and setback authorizations that might apply to the Project. The Project team will design construction and post-construction erosion and sediment control and stormwater management plans for agency review and approval.		
Outreach plan	Refer to Land Acquisition Plan-Coordination included in this proposal.		
Land acquisition plan	Refer to Land Acquisition Plan-Coordination included in this proposal.		
Construction responsibility	Confidential		

Benefits/Comments	Confidential
Component Cost Details - In Current Year \$	
Engineering & design	Confidential
Permitting / routing / siting	Confidential
ROW / land acquisition	Confidential
Materials & equipment	Confidential
Construction & commissioning	Confidential
Construction management	Confidential
Overheads & miscellaneous costs	Confidential
Contingency	Confidential
Total component cost	\$143,361,000.00
Component cost (in-service year)	\$167,001,263.05

Congestion Drivers

None

Existing Flowgates

None

New Flowgates

Confidential

Financial Information

Capital spend start date	01/2026
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Construction start date	06/2030
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Project Duration (In Months)	74
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Additional Comments

None