

Leesville Station Conductor Replacement

General Information

Proposing entity name	AEPSCT
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	Yes
Company proposal ID	AEP_A
PJM Proposal ID	167
Project title	Leesville Station Conductor Replacement
Project description	Replace the Leesville 138 kV station 795 AAC conductor with new 1272 ACSR and remove all 795 AAC conductor
Email	nckoehler@aep.com
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	

Project Components

1. Leesville 138 kV Station Conductor Upgrade

Substation Upgrade Component

Component title	Leesville 138 kV Station Conductor Upgrade
Project description	Replace all 795 AAC station conductor on the Smith Mountain-Leesville 138 kV line with 1272 ACSR conductor.

Substation name	Leesville
Substation zone	205 - AEP
Substation upgrade scope	Replace all 795 AAC station conductor on the Smith Mountain-Leesville 138 kV line with 1272 ACSR conductor.
Transformer Information	
None	
New equipment description	New 1272 ACSR conductor
Substation assumptions	Assumes outages available to perform work
Real-estate description	
Construction responsibility	AEP
Benefits/Comments	
Component Cost Details - In Current Year \$	
Engineering & design	Detailed cost breakdown
Permitting / routing / siting	Detailed cost breakdown
ROW / land acquisition	Detailed cost breakdown
Materials & equipment	Detailed cost breakdown
Construction & commissioning	Detailed cost breakdown
Construction management	Detailed cost breakdown
Overheads & miscellaneous costs	Detailed cost breakdown
Contingency	Detailed cost breakdown
Total component cost	\$119,644.68
Component cost (in-service year)	\$119,644.68

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-GD-S482	242802	05SMITHMTN	242701	05LEESVI	1	138	205	Summer Gen Deliv	Included

New Flowgates

None

Financial Information

Capital spend start date 03/2025

Construction start date 04/2029

Project Duration (In Months) 51

Additional Comments

None