

Install new 765/345 kV TR at Plano

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	402
Project title	Install new 765/345 kV TR at Plano
Project description	Install new 765/345 kV TR and associated circuit breakers and equipment at Plano
Email	Confidential
Project in-service date	12/2032
Tie-line impact	No
Interregional project	No
Is the proposer offering a binding cap on capital costs?	No
Additional benefits	Confidential

Project Components

1. TR 92

Substation Upgrade Component

Component title	TR 92
Project description	Confidential
Substation name	Plano

Substation zone	222		
Substation upgrade scope	Install 765/345 kV TR 92 and associated 765 kV and 345 kV circuit breakers at Plano		
Transformer Information			
	Name		Capacity (MVA)
Transformer	TR 92		1120
	High Side	Low Side	Tertiary
Voltage (kV)	765	345	34
New equipment description	• Install new 765KV TR92 Transformer with one MOD and Ground Switch. Assumed install Tertiary 34KV connecting • Install a two (2) new 765KV Circuit Breakers at Bus1-3 and Bus 1-5 • Install a new 345KV Circuit Breaker and Bus modification for TR92 • Relay, SCADA, and COMM upgrade • Install Firewall walls at TR92 between 3-Single phase Transformers		
Substation assumptions	The new transformer and circuit breakers will be installed in locations already planned for future transformers and circuit breakers at the substation.		
Real-estate description			
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	\$87,900,000.00
Component cost (in-service year)	\$92,964,000.00

Congestion Drivers

None

Existing Flowgates

None

New Flowgates

Confidential

Financial Information

Capital spend start date	01/2026
Construction start date	12/2032
Project Duration (In Months)	83

Additional Comments

This project helps alleviate overloads identified in 2032 Scenario 4 generation deliverability studies with the addition of the PPL load idvs to the cases.