

Pumphrey Transformer Replacement

General Information

Proposing entity name	BGETO
Company proposal ID	B
PJM Proposal ID	494
Project title	Pumphrey Transformer Replacement
Project description	Replace Pumphrey 230/115kV transformer
Project in-service date	06/2022
Tie-line impact	No
Interregional project	No
Is the proposer offering a binding cap on capital costs?	No
Additional benefits	BGE Confidential Information

Project Components

1. Pumphrey 230/115 KV Transformer

Substation Upgrade Component

Component title	Pumphrey 230/115 KV Transformer
Substation name	Pumphrey
Substation zone	BGE
Substation upgrade scope	Replace existing transformer in place with new transformer

Transformer Information

	Name	Capacity (MVA)	
Transformer	Pumphrey 230-1	300	
	High Side	Low Side	Tertiary
Voltage (kV)	230	115	0
New equipment description	New 300MVA transformer with ratings of 363/471/540 SN/SE/SLD, 4220/510/540 WN/WE/WLD		
Substation assumptions	Replace transformer in same location as existing		
Real-estate description	No expansion Required		
Construction responsibility	BGE		
Additional comments	NA		
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	\$4,692,263.35		
Component cost (in-service year)	\$4,929,809.18		

Congestion Drivers

None

Existing Flowgates

FG #	From Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type
GD-S483	221855	CONSTITUTION	221215	CONCRD62	1	115	232	Gen Deliv (Summer)
GD-S480	221855	CONSTITUTION	221214	CONCRD64	1	115	232	Gen Deliv (Summer)

New Flowgates

None

Financial Information

Capital spend start date 01/2022

Construction start date 10/2022

Project Duration (In Months) 5

Additional comments

NA