Line 560 Rebuild - Possum Point to Burches Hill

General Information

Proposing entity name	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Does the entity who is submitting this proposal intend to be the Designated Entity for this proposed project?	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Company proposal ID	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
PJM Proposal ID	916
Project title	Line 560 Rebuild - Possum Point to Burches Hill
Project description	Rebuild approximately 0.19-mile segment of Line #560 between Possum Point and Structure 1F, using 6,000A conductor. The terminal equipment at Possum Point substation should be upgraded as necessary to ensure they do not limit the conductor rating.
Email	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Project in-service date	06/2032
Tie-line impact	Yes
Interregional project	No
Is the proposer offering a binding cap on capital costs?	Yes
Additional benefits	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Project Components

1. Line 560 Rebuild - Possum Point to Burches Hill
2. Possum Point Substation Equipment Upgrade

Transmission Line Upgrade Component

Component title	Line 560 Rebuild - Possum Point to Burches Hill

Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	Line 560
Point A	Possum Point
Point B	Burches Hill
Point C	
Terrain description	This area generally consists of ridges and sideslopes, with elevations potentially ranging from 5 to 30 feet above sea level in some nearby locations.
Existing Line Physical Characteristics	
Operating voltage	500
Conductor size and type	3-1534 ACAR (42/19) 90°C MOT
Hardware plan description	New hardware will be used for line rebuild.
Tower line characteristics	Existing Structures will be removed and new structures will be used for this rebuild.
Proposed Line Characteristics	

	Designed	Operating
Voltage (kV)	500.000000	500.000000
	Normal ratings	Emergency ratings
Summer (MVA)	4357.000000	4357.000000
Winter (MVA)	5155.000000	5155.000000

Conductor size and type	3-1351.5 ACSS/TW/HS (42/19) 145°C MOT
Shield wire size and type	(2) DNO-10100 OPGW
Rebuild line length	0.19

Rebuild portion description	Existing Facilities to be Removed 1. (1) 500kV SC Steel Suspension H-Frame Structure 2. 0.19 miles of 3-1534 ACAR (42/19) Conductor 3. 0.19 miles of 7#7 Alumoweld Shield Wire Permanent Facilities to be Installed 1. (1) 00kV SC Steel Suspension H-frame Structure 2. 0.19 miles of 3-1351 ACSS/TW/HS 3. 0.19 miles of DNO-10100 OPGW Existing Facilities to be Transferred or Modified 1. Install three (3) conductor crossing strain assemblies [Reference Drawing 35.252] and two (2) OPGW deadend assemblies [Reference Drawing 96.061] on existing backbone structure 560/1A. 2. Install three (3) conductor strain assemblies , three (3) conductor jumper loop assemblies [Reference Drawing 39.500], three (3) training insulators, and two (2) OPGW deadend assemblies on existing structure 560/1F.
Right of way	This project will not require any additional right of way due to the entire project being on Dominion property
Construction responsibility	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Benefits/Comments	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Component Cost Details - In Current Year $	
Engineering & design	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Permitting / routing / siting	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
ROW / land acquisition	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Materials & equipment	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Construction & commissioning	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Construction management	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Overheads & miscellaneous costs	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Contingency	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Total component cost	$3,487,800.00
Component cost (in-service year)	$3,735,434.00

Substation Upgrade Component

Component title	Possum Point Substation Equipment Upgrade

Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Substation name	Possum Point
Substation zone	345
Substation upgrade scope	Purchase & Install Substation Material: 1. Three (3), 500kV, 3000/5, Metering Accuracy, Current Transformers 2. Conductor, connectors, conduit, control cable, foundations, steel structures, and grounding material as necessary per engineering standards Remove Substation Material: 1. Three (3), 500kV, 2000/5, Metering Accuracy, Current Transformers 2. Conductor, connectors, conduit, control cable, foundations, steel structures, and grounding material as necessary per engineering standards Purchase & Install Relay Material: 1. One (1), 1340 – Dual SEL-411L DCB/Fiber, CD/Fiber Line Panel (500kV w/ 2 Fiber Cables) 2. One (1), 4524 – Metering C.T. Makeup Box Purchase & Install Relay Material: 1. Retire One (1) Panel (Panel No. 2

Transformer Information

None

New equipment description	1. Three (3), 500kV, 3000/5, Metering Accuracy, Current Transformers 2. One (1), 1340 – Dual SEL-411L DCB/Fiber, CD/Fiber Line Panel (500kV w/ 2 Fiber Cables) 3. One (1), 4524 – Metering C.T. Makeup Box
Substation assumptions	1. The scope of work depicted on the drawings assumes that there is no overlap with other designs and construction activities, except if mentioned in this Project Summary. 2. Relay Settings and protection & control design will be revised as part of the SPE scope of work. 3. 4-hole pad connections must be replaced with 6-hole and 8-hole pad connections to maintain 5000A ratings.
Real-estate description	Substation is not being expanded
Construction responsibility	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Benefits/Comments	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Component Cost Details - In Current Year $

Engineering & design	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Permitting / routing / siting	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
ROW / land acquisition	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Materials & equipment	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Construction & commissioning	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Construction management	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Overheads & miscellaneous costs	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Contingency	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Total component cost	$403,983.00
Component cost (in-service year)	$432,666.00

Congestion Drivers

None

Existing Flowgates

None

New Flowgates

The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Financial Information

Capital spend start date	01/2026
Construction start date	06/2028
Project Duration (In Months)	77

Cost Containment Commitment

Cost cap (in current year)	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Cost cap (in-service year)	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Components covered by cost containment

1. Line 560 Rebuild - Possum Point to Burches Hill - Dominion
2. Possum Point Substation Equipment Upgrade - Dominion

Cost elements covered by cost containment

Engineering & design	Yes
Permitting / routing / siting	No
ROW / land acquisition	No
Materials & equipment	No
Construction & commissioning	No
Construction management	No
Overheads & miscellaneous costs	No
Taxes	No
AFUDC	No
Escalation	No
Additional Information	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Is the proposer offering a binding cap on ROE?	Yes
Would this ROE cap apply to the determination of AFUDC?	Yes
Would the proposer seek to increase the proposed ROE if FERC finds that a higher ROE would not be unreasonable?	No
Is the proposer offering a Debt to Equity Ratio cap?	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.

Additional Comments

None