

HVDC backbone - Portfolio 1D

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	352
Project title	HVDC backbone - Portfolio 1D
Project description	The following projects make up this violation-free Portfolio: 1. 993606 - New HVDC Transmission Link from Heritage to Mosby (PJM ID: 2025-W1-815) 2. 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916) 3. 993612 - Line 5008 (Morrisville to Wishing Star) Cut-in into Mosby Substation (PJM ID: 2025-W1-253) 4. 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken PJM ID: 2025-W1-24) 5. 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126) 6. 993597 - Line 563 Rebuild - Carson to Midlothian (PJM ID: 2025-W1-238) 7. Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247) 8. Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339) 9. Planning 03 - Line 576 Partial Rebuild - Vontay to Midlothian (PJM ID: 2025-W1-9) 10. Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117) 11. Planning 05 - New 500kV Line - North Anna to Vontay (PJM ID: 2025-W1-48) 12. 993405 - Line 573 Rebuild - North Anna to Spotsylvania (PJM ID: 2025-W1-948) 13. 993406 - Line 597 Rebuild - Spotsylvania to Morrisville (PJM ID: 2025-W1-627) 14. 99-3618 - Carson Substation Equipment Upgrade (PJM ID: 2025-W1-243)
Email	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Project in-service date	06/2032
Tie-line impact	No
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. 993606 - New HVDC Transmission Link from Heritage to Mosby (PJM ID: 2025-W1-815)
2. 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916)
3. 993612 - Line 5008 Cut-in into Mosby Substation (PJM ID: 2025-W1-253)
4. 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken PJM ID: 2025-W1-24)
5. 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126)
6. 993597 - Line 563 Rebuild - Carson to Midlothian (PJM ID: 2025-W1-238)
7. Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247)
8. Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339)
9. Planning 03 - Line 576 Partial Rebuild - Vontay to Midlothian (PJM ID: 2025-W1-9)
10. Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117)
11. Planning 05 - New 500kV Line - North Anna to Vontay (PJM ID: 2025-W1-48)
12. 993405 - Line 573 Rebuild - North Anna to Spotsylvania (PJM ID: 2025-W1-948)
13. 993406 - Line 597 Rebuild - Spotsylvania to Morrisville (PJM ID: 2025-W1-627)
14. 6. 99-3618 - Carson Substation Equipment Upgrade (PJM ID: 2025-W1-243)
15. Total Cost Breakdown

Transmission Line Upgrade Component

Component title	993606 - New HVDC Transmission Link from Heritage to Mosby (PJM ID: 2025-W1-815)
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A
Point C	
Terrain description	N/A

Existing Line Physical Characteristics

Operating voltage N/A

Conductor size and type N/A

Hardware plan description N/A

Tower line characteristics N/A

Proposed Line Characteristics

	Designed	Operating
Voltage (kV)	0.000000	0.000000

	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000

Conductor size and type N/A

Shield wire size and type N/A

Rebuild line length N/A

Rebuild portion description N/A

Right of way N/A

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	\$.00	
Component cost (in-service year)	\$.00	
Transmission Line Upgrade Component		
Component title	993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	
Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating

Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00	
Component cost (in-service year)	\$.00	

Transmission Line Upgrade Component

Component title	993612 - Line 5008 Cut-in into Mosby Substation (PJM ID: 2025-W1-253)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	
Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	

Rebuild line length	N/A
Rebuild portion description	N/A
Right of way	N/A
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	\$.00
Component cost (in-service year)	\$.00
Transmission Line Upgrade Component	
Component title	993599 - Line 568 Partial Rebuild - Ladysmith to Kraken PJM ID: 2025-W1-24)
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A

Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00
Component cost (in-service year)	\$.00
Transmission Line Upgrade Component	
Component title	993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126)
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A
Point C	
Terrain description	N/A
Existing Line Physical Characteristics	
Operating voltage	N/A
Conductor size and type	N/A
Hardware plan description	N/A
Tower line characteristics	N/A

Proposed Line Characteristics

	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00	
Component cost (in-service year)	\$.00	
Transmission Line Upgrade Component		
Component title	993597 - Line 563 Rebuild - Carson to Midlothian (PJM ID: 2025-W1-238)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	
Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000

Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00	
Component cost (in-service year)	\$.00	
Transmission Line Upgrade Component		
Component title	Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	

Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	

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	\$.00
Component cost (in-service year)	\$.00
Transmission Line Upgrade Component	
Component title	Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339)
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A
Point C	
Terrain description	N/A

Existing Line Physical Characteristics

Operating voltage N/A

Conductor size and type N/A

Hardware plan description N/A

Tower line characteristics N/A

Proposed Line Characteristics

	Designed	Operating
Voltage (kV)	0.000000	0.000000

	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000

Conductor size and type N/A

Shield wire size and type N/A

Rebuild line length N/A

Rebuild portion description N/A

Right of way N/A

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	\$.00	
Component cost (in-service year)	\$.00	
Transmission Line Upgrade Component		
Component title	Planning 03 - Line 576 Partial Rebuild - Vontay to Midlothian (PJM ID: 2025-W1-9)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	
Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating

Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00	
Component cost (in-service year)	\$.00	

Transmission Line Upgrade Component

Component title	Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	
Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	

Rebuild line length	N/A
Rebuild portion description	N/A
Right of way	N/A
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	\$.00
Component cost (in-service year)	\$.00
Transmission Line Upgrade Component	
Component title	Planning 05 - New 500kV Line - North Anna to Vontay (PJM ID: 2025-W1-48)
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A

Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00
Component cost (in-service year)	\$.00
Transmission Line Upgrade Component	
Component title	993405 - Line 573 Rebuild - North Anna to Spotsylvania (PJM ID: 2025-W1-948)
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A
Point C	
Terrain description	N/A
Existing Line Physical Characteristics	
Operating voltage	N/A
Conductor size and type	N/A
Hardware plan description	N/A
Tower line characteristics	N/A

Proposed Line Characteristics

	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00	
Component cost (in-service year)	\$.00	
Transmission Line Upgrade Component		
Component title	993406 - Line 597 Rebuild - Spotsylvania to Morrisville (PJM ID: 2025-W1-627)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	
Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000

Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	
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	\$.00	
Component cost (in-service year)	\$.00	
Transmission Line Upgrade Component		
Component title	6. 99-3618 - Carson Substation Equipment Upgrade (PJM ID: 2025-W1-243)	
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.	

Impacted transmission line	N/A	
Point A	N/A	
Point B	N/A	
Point C		
Terrain description	N/A	
Existing Line Physical Characteristics		
Operating voltage	N/A	
Conductor size and type	N/A	
Hardware plan description	N/A	
Tower line characteristics	N/A	
Proposed Line Characteristics		
	Designed	Operating
Voltage (kV)	0.000000	0.000000
	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000
Conductor size and type	N/A	
Shield wire size and type	N/A	
Rebuild line length	N/A	
Rebuild portion description	N/A	
Right of way	N/A	

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	\$.00
Component cost (in-service year)	\$.00
Transmission Line Upgrade Component	
Component title	Total Cost Breakdown
Project description	The redacted information is proprietary to the Company; therefore, it is privileged and confidential.
Impacted transmission line	N/A
Point A	N/A
Point B	N/A
Point C	
Terrain description	N/A

Existing Line Physical Characteristics

Operating voltage N/A

Conductor size and type N/A

Hardware plan description N/A

Tower line characteristics N/A

Proposed Line Characteristics

	Designed	Operating
Voltage (kV)	0.000000	0.000000

	Normal ratings	Emergency ratings
Summer (MVA)	0.000000	0.000000
Winter (MVA)	0.000000	0.000000

Conductor size and type N/A

Shield wire size and type N/A

Rebuild line length N/A

Rebuild portion description N/A

Right of way N/A

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	\$5,013,972,625.00
Component cost (in-service year)	\$5,369,964,682.00

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
2025W1-32GD-S23	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S28	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S106	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S24	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S69	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S25	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S26	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S27	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S152	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL42	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S31	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S77	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S111	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-S30	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S3NEW	289543	05YEAT	314919	8OX	1	500	345	Summer 2032 Generation Deliverability	Included
2025W1-32GD-S2NEW	289543	05YEAT	314919	8OX	1	500	345	Summer 2032 Generation Deliverability	Included
2025W1-32GD-LL11	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL2	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL3	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL47	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL48	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S42	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL63	314908	8ELMONT	314911	8LADYSMITH	1	500	345	Generation Deliverability	Included
2025W1-32GD-S121	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL67	314902	8CARSON	314914	8MDLTHAN	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL66	314902	8CARSON	314914	8MDLTHAN	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL21	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL61	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S83	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S84	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL19	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL58	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S124	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL59	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S48	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S11	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL70	314902	8CARSON	314914	8MDLTHAN	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL69	314902	8CARSON	314914	8MDLTHAN	1	500	345	Generation Deliverability	Included
2025W1-32GD-S50	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL62	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL76	314902	8CARSON	314914	8MDLTHAN	1	500	345	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-LL75	314908	8ELMONT	314911	8LADYSMITH	1	500	345	Generation Deliverability	Included
2025W1-32GD-S17	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S96	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S97	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S57	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S14	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S58	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S15	314902	8CARSON	314914	8MDLTHAN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S16	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S7	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S8	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S1	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL24	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S119	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S115	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S107	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S108	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S109	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S78	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S79	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S75	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S63	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S65	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL50	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL33	314908	8ELMONT	314911	8LADYSMITH	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S66	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S67	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S61	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-S70	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S112	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S123	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S49	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S35	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S29	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S32	314911	8LADYSMITH	313483	8KRAKEN	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S43	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S44	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S45	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S46	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S60	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S56	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S9	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S10	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S5	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S6	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S3	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S145	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S101	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S122	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S126	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S131	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S133	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S72	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S91	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S92	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S87	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-LL22	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL23	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL5	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL6	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL45	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL35	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL16	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL31	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL32	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL9	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL60	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL53	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL74	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL68	314914	8MDLTHAN	314918	8NO ANNA	1	500	345	Generation Deliverability	Included
2025W1-32GD-S86	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S94	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S143	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S127	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S113	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S153	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S59	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S51	314918	8NO ANNA	314934	8SPOTSYL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S149	314936	8RAWLINGS	314902	8CARSON	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S134	314936	8RAWLINGS	314902	8CARSON	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S135	314936	8RAWLINGS	314902	8CARSON	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S98	314936	8RAWLINGS	314902	8CARSON	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S85	314936	8RAWLINGS	314902	8CARSON	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S64	314936	8RAWLINGS	314902	8CARSON	1	500	345	2032 Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-LL30	314923	8SEPTA	314924	8SURRY	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL27	314923	8SEPTA	314924	8SURRY	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S8NEW	314923	8SEPTA	314924	8SURRY	1	500	345	Summer 2032 Generation Deliverability	Included
2025W1-32GD-S62	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S73	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S74	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S71	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S82	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S90	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S125	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S114	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S103	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S37	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S33	314934	8SPOTSYL	314916	8MORRSVL	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S12	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S13	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S18	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S19	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S20	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S21	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S22	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S104	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S117	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S120	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S110	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S132	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S130	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S138	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-S99	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S100	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S95	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S93	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S76	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-S68	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL28	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL29	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL25	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL26	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL12	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL13	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL14	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL15	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL20	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL49	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL10	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL4	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL1	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL54	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL55	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL56	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL57	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL51	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL52	314924	8SURRY	314903	8CHCKAHM	1	500	345	2032 Generation Deliverability	Included
2025W1-32GD-LL64	314924	8SURRY	314903	8CHCKAHM	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL65	314924	8SURRY	314903	8CHCKAHM	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL71	314924	8SURRY	314903	8CHCKAHM	1	500	345	Generation Deliverability	Included

FG #	Fr Bus No.	From Bus Name	To Bus No.	To Bus Name	CKT	Voltage	TO Zone	Analysis type	Status
2025W1-32GD-LL72	314924	8SURRY	314903	8CHCKAHM	1	500	345	Generation Deliverability	Included
2025W1-32GD-LL73	314924	8SURRY	314903	8CHCKAHM	1	500	345	Generation Deliverability	Included
2025W1-32GD-S4NEW	941030	AE2-094 TAP	314902	8CARSON	1	500	345	Summer 2032 Generation Deliverability	Excluded
2025W1-32GD-S5NEW	941030	AE2-094 TAP	314902	8CARSON	1	500	345	Summer 2032 Generation Deliverability	Excluded
2025W1-32GD-S6NEW	941030	AE2-094 TAP	314902	8CARSON	1	500	345	Summer 2032 Generation Deliverability	Excluded
2025W1-32GD-S7NEW	941030	AE2-094 TAP	314902	8CARSON	1	500	345	Summer 2032 Generation Deliverability	Excluded
2025W1-32GD-S1NEW	941030	AE2-094 TAP	314902	8CARSON	1	500	345	Summer 2032 Generation Deliverability	Excluded
2025W1-32GD-S89	970672	AG2-436 TP	941030	AE2-094 TAP	1	500	345	2032 Generation Deliverability	Included

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 06/2029

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. 993606 - New HVDC Transmission Link from Heritage to Mosby (PJM ID: 2025-W1-815) - Dominion
2. 993610 - Line 560 Rebuild - Possum Point to Burches Hill (PJM ID: 2025-W1-916) - Dominion
3. 993612 - Line 5008 Cut-in into Mosby Substation (PJM ID: 2025-W1-253) - Dominion
4. 993599 - Line 568 Partial Rebuild - Ladysmith to Kraken PJM ID: 2025-W1-24) - Dominion

5. 993592 - Line 567 Terminal Upgrade - Chickahominy to Surry (PJM ID: 2025-W1-126) - Dominion
6. 993597 - Line 563 Rebuild - Carson to Midlothian (PJM ID: 2025-W1-238) - Dominion
7. Planning 01 - New 765/500kV Switching Station - Vontay (PJM ID: 2025-W1-247) - Dominion
8. Planning 02 - Line 576 Partial Rebuild - North Anna to Vontay (PJM ID: 2025-W1-339) - Dominion
9. Planning 03 - Line 576 Partial Rebuild - Vontay to Midlothian (PJM ID: 2025-W1-9) - Dominion
10. Planning 04 - Line 539 Rebuild - Yeat to Ox (PJM ID: 2025-W1-117) - Dominion
11. Planning 05 - New 500kV Line - North Anna to Vontay (PJM ID: 2025-W1-48) - Dominion
12. 993405 - Line 573 Rebuild - North Anna to Spotsylvania (PJM ID: 2025-W1-948) - Dominion
13. 993406 - Line 597 Rebuild - Spotsylvania to Morrisville (PJM ID: 2025-W1-627) - 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