

Chickahominy-Elmout Line #557 Rebuild  
and New Future 230 kV Lines

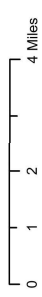
Hanover, Henrico, and Charles City  
Counties, Virginia





Client: \_\_\_\_\_

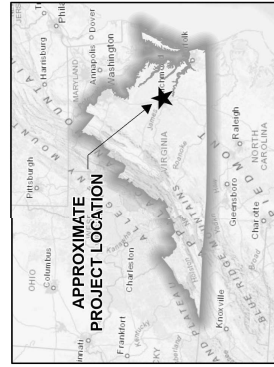
Dominion Energy Virginia

C2 Env Project:	Pep

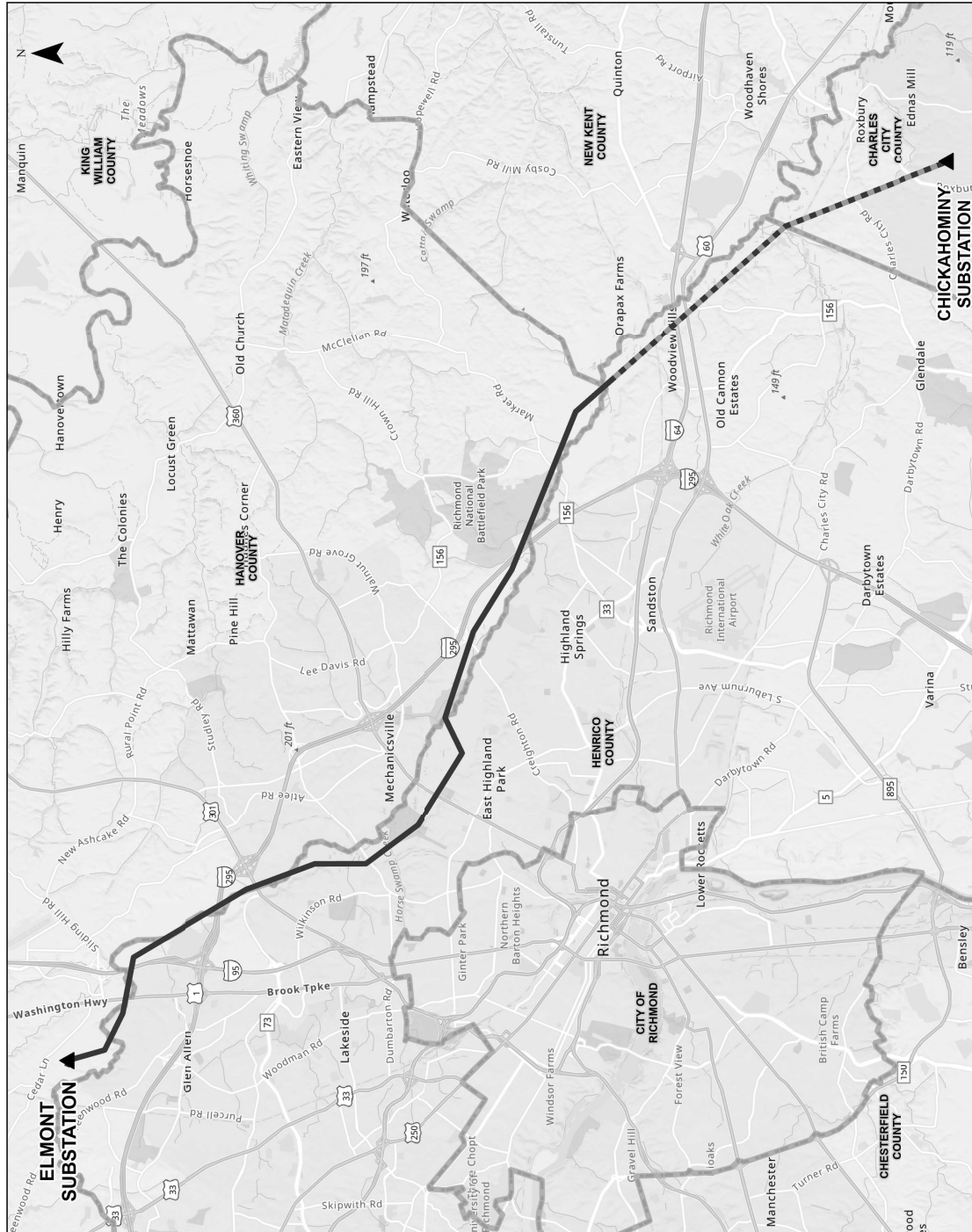
C2 Env Project:	Prepared By:	Date:
-----------------	--------------	-------



-  Existing 500 kV Line #557 - Rebuild with 500/230 kV Structures and Install 230 kV Conductors on Vacant Arms  
 Existing Line #2075 - Install Second Set of 230 kV Conductors on Vacant Arms  
 Existing Substation  
 County Boundary



**SHEET 1 OF 1**



**V. NOTICE**

- B. List Applicant offices where members of the public may inspect the application. If applicable, provide a link to website(s) where the application may be found.**

Response: Shortly after filing, the application will be available electronically for public inspection at the following website:  
<http://www.dominionenergy.com/elmontchickahominy>.

**V. NOTICE**

- C. List all federal, state, and local agencies and/or officials that may reasonably be expected to have an interest in the proposed construction and to whom the Applicant has furnished or will furnish a copy of the application.**

Response: Ms. Bettina Rayfield  
Virginia Department of Environmental Quality  
Office of Environmental Impact Review  
1111 East Main Street, Suite 1400  
Richmond, Virginia 23219

Ms. Michelle Henicheck  
Department of Environmental Quality  
Office of Wetlands and Streams  
1111 East Main Street, Suite 1400  
Richmond, Virginia 23219

Ms. Rene Hypes  
Virginia Department of Conservation and Recreation  
Division of Natural Heritage  
600 East Main Street, 24th Floor  
Richmond, Virginia 23219

Environmental Reviewer  
Virginia Department of Conservation and Recreation  
Planning & Recreation Bureau  
600 East Main Street, 17th Floor  
Richmond, Virginia 23219

Ms. Hannah Schul  
Virginia Department of Wildlife Resources  
Planning & Recreation Bureau  
7870 Villa Park, Suite 400  
Henrico, Virginia 23228

Mr. Keith Tignor  
Virginia Department of Agriculture and Consumer Services  
Office of Plant Industry Services  
102 Governor Street  
Richmond, Virginia 23219

Mr. Clint Folks  
Virginia Department of Forestry  
Forestland Conservation Division  
900 Natural Resources Drive, Suite 800  
Charlottesville, Virginia 22903

Scoping at VMRC  
Virginia Marine Resources Commission  
Habitat Management Division  
Building 96, 380 Fenwick Road  
Ft. Monroe, Virginia 23651

Mr. Troy Andersen  
US Fish and Wildlife Service  
Virginia Field Office, Ecological Services  
6669 Short Lane  
Gloucester, Virginia 23061

Ms. Regena Bronson  
U.S. Army Corps of Engineers  
Fredericksburg Field Office  
10300 Spotsylvania Parkway, Suite 230  
Fredericksburg, Virginia 22408

Mr. Lewis Rogers  
Superintendent  
Fredericksburg and Spotsylvania National Military Park  
120 Chatham Lane  
Fredericksburg, Virginia 22405

Ms. Arlene Fields Warren  
Virginia Department of Health  
Office of Drinking Water  
109 Governor Street, 6th Floor  
Richmond, Virginia 23219

Ms. Martha Little  
Virginia Outdoors Foundation  
P.O. Box 85073, PMB 38979  
Richmond, Virginia 23285-5073

Mr. Roger Kirchen  
Director, Review and Compliance Division  
Department of Historic Resources  
2801 Kensington Avenue  
Richmond, Virginia 23221

Mr. Scott Denny  
Airport Services Division  
Virginia Department of Aviation  
5702 Gulfstream Road

Richmond, Virginia 23250

Mr. Dale Totten, P.E.  
Richmond District Engineer  
Virginia Department of Transportation  
2430 Pine Forest Drive, South Chesterfield, VA 23834

Mr. F. Michael Herzberg IV  
Chairman of the Board of Supervisors - Cold Harbor District  
7516 County Complex Road  
Hanover, VA 23069

Ms. Susan P. Dibble  
Board of Supervisors- South Anna District  
7516 County Complex Road  
Hanover, VA 23069

Mr. John A. Budesky  
County Administrator  
7516 County Complex Road  
Hanover, VA 23069

Mr. Roscoe D. Cooper III  
Board of Supervisors- Fairfield District  
P.O. Box 90775  
Henrico, VA 23273-0775

Mr. Tyrone E. Nelson  
Board of Supervisors- Varina District  
P.O. Box 90775  
Henrico, VA 23273-0775

Mr. John Vithoulkas  
County Manager  
P.O. Box 90775  
Henrico, VA 23273-0775

Mr. Ryan Patterson  
Board of Supervisors- Vice Chair  
P.O. Box 128  
Charles City, VA 23030

Mr. Sanford Wanner  
Interim County Administrator  
P.O. Box 128  
Charles City, VA 23030

Mr. Rodney Hathaway  
County Administrator  
PO Box 150  
12007 Courthouse Cir  
New Kent, VA 23124

Mr. John Moyer  
Board Of Supervisors- District 2  
PO Box 150  
New Kent 23124

## V. NOTICE

- D. If the application is for a transmission line with a voltage of 138 kV or greater, provide a statement and any associated correspondence indicating that prior to the filing of the application with the SCC the Applicant has notified the chief administrative officer of every locality in which it plans to undertake construction of the proposed line of its intention to file such an application, and that the Applicant gave the locality a reasonable opportunity for consultation about the proposed line (similar to the requirements of § 15.2-2202 of the Code for electric transmission lines of 150 kV or more).**

Response: In accordance with Va. Code § 15.2-2202 E, letters dated April 9, 2025, were sent to Mr. Ryan Patterson, Vice Chair and Mr. Sanford Wanner, County Administrator in Charles City County; Mr. Roscoe D. Cooper, III, Supervisor, Mr. Tyrone E. Nelson, Supervisor, and Mr. John Vithoulikas, County Manager in Henrico County; Mr. F. Michael Herzburg IV, Chairman, Ms. Susan P. Dibble, Supervisor, and Mr. John A. Budesky, County Administrator in Hanover County; and Mr. John Moyer, Supervisor, and Mr. Rodney Hathaway, County Administrator in New Kent County, advising of the Company's intention to file this Application and inviting the localities to consult with the Company about the Rebuild Project. See Attachment V.D.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. Ryan Patterson  
Board of Supervisors- Vice Chair  
P.O. Box 128  
Charles City, VA 23030

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild  
and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Patterson,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Charles City County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.



Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads "Elizabeth Hurst". The signature is written in a cursive, flowing style.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. Sanford Wanner  
Interim County Administrator  
P.O. Box 128  
Charles City, VA 23030

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild  
and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Wanner,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Charles City County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads 'Elizabeth Hurst'.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. Roscoe D. Cooper III  
Board of Supervisors- Fairfield District  
P.O. Box 90775  
Henrico, VA 23273-0775

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild  
and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Cooper,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Henrico County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads "Elizabeth Hurst". The signature is written in a cursive, flowing style.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. Tyrone E. Nelson  
Board of Supervisors- Varina District  
P.O. Box 90775  
Henrico, VA 23273-0775

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Nelson,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Henrico County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads "Hannah Hurst". The signature is written in a cursive, flowing style.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. John Vithoulikas  
County Manager  
P.O. Box 90775  
Henrico, VA 23273-0775

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild  
and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Vithoulikas,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Henrico County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.



Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads 'Hannah Hurst'.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
 5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
 Glen Allen, VA 23060  
 DominionEnergy.com



Mr. F. Michael Herzberg IV  
 Chairman of the Board of Supervisors - Cold Harbor District  
 7516 County Complex Road  
 Hanover, VA 23069

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Herzberg,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Hanover County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads "Hannah Hurst". The signature is written in a cursive, flowing style.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
 5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
 Glen Allen, VA 23060  
 DominionEnergy.com



Ms. Susan P. Dibble  
 Board of Supervisors- South Anna District  
 7516 County Complex Road  
 Hanover, VA 23069

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Ms. Dibble,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Hanover County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink that reads "Hannah Hurst". The signature is written in a cursive, flowing style.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. John A. Budesky  
County Administrator  
7516 County Complex Road  
Hanover, VA 23069

April 9, 2025

**RE:            Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild  
                 and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Budesky,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify Hanover County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink, appearing to read "Hannah Hurst".

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Mr. John Moyer  
Board Of Supervisors- District 2  
PO Box 150  
New Kent 23124

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild  
and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Moyer,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this works is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify New Kent County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.



Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink, appearing to read "Hannah Hurst", written in a cursive style.

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

Dominion Energy Services, Inc.  
 5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
 Glen Allen, VA 23060  
 DominionEnergy.com



Mr. Rodney Hathaway  
 County Administrator  
 PO Box 150  
 12007 Courthouse Cir  
 New Kent, VA 23124

April 9, 2025

**RE: Dominion Energy Virginia's Chickahominy-Elmont Line #557 Rebuild and New Future 230 kV Lines**

**Notice Pursuant to Va. Code § 15.2-2202 E**

Dear Mr. Hathaway,

Dominion Energy Virginia (the "Company") is proposing to rebuild, within existing right-of-way, approximately 27.2 miles of existing 500 kilovolt ("kV") Line #557 between the Company's Chickahominy and Elmont Substations by removing the existing 500 kV COR-TEN® structures and replacing them with new 500/230 kV double circuit structures, primarily on weathering steel H-frame structures. Additionally, the Company proposes to install approximately 27.7 miles of idle 230 kV conductors on the lower level of the proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. The Company also proposes to install approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the structures of the Company's existing 230 kV Line #2075 between Chickahominy Substation and Structure #2075/148. Collectively, this work is referred to as the "Rebuild Project." The Rebuild Project is needed to comply with mandatory North American Electric Reliability Corporation ("NERC") reliability standards, and to continue to provide reliable service for the significant load growth anticipated in the area.

The Company is preparing to file an application for a Certificate of Public Convenience and Necessity ("CPCN") with the State Corporation Commission. Pursuant to § 15.2-2202 E of the Code of Virginia, the Company is writing to notify New Kent County of the proposed Rebuild Project in advance of filing the CPCN application, and respectfully requests that you submit any comments or additional information you feel would have bearing on the Rebuild Project within 30 days of the date of this letter.

Dominion Energy Services, Inc.  
5000 Dominion Boulevard, 3<sup>rd</sup> Floor  
Glen Allen, VA 23060  
DominionEnergy.com



Once filed, the CPCN application and supporting materials will be available for review on the Company website at <http://www.dominionenergy.com/elmonttochickahominy>.

Enclosed is a Project Overview Map depicting the route for the Rebuild Project and its general location. If you would like to receive a GIS shapefile of the Rebuild Project route to assist in your review, or if there are any questions, please do not hesitate to contact me at 804-298-5646 or [Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com). We appreciate your assistance with the review of this Project and look forward to any additional information you may have to offer.

Regards,

A handwritten signature in black ink, appearing to read "Hannah Hurst".

**Hannah Hurst**

[Hannah.hurst@dominionenergy.com](mailto:Hannah.hurst@dominionenergy.com)

804-298-5646

Enclosure: Project Overview Map

# ATTACHMENT I.A.1 PROJECT OVERVIEW MAP

Chickahominy-Elmont Line #557 Rebuild  
and New Future 230 kV Lines

Hanover, Henrico, and Charles City  
Counties, Virginia

Client

Dominion Energy Virginia

C2 Enr Project

Prepared By

KAS

Date

03/05/25

0264

Scale is 1 in = 2 Mi when printed at original size of 11x17

0 1 2 4 Miles

Existing 500 kV Line #557 - Rebuild with

500/230 kV Structures and Install 230 kV

Conductors on Vacant Arms

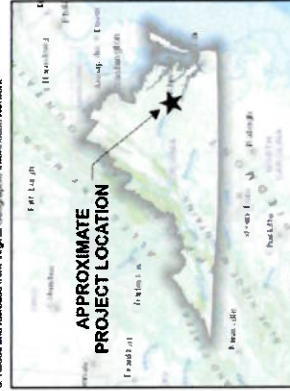
Existing Line #2075 - Install Second Set of

230 kV Conductors on Vacant Arms

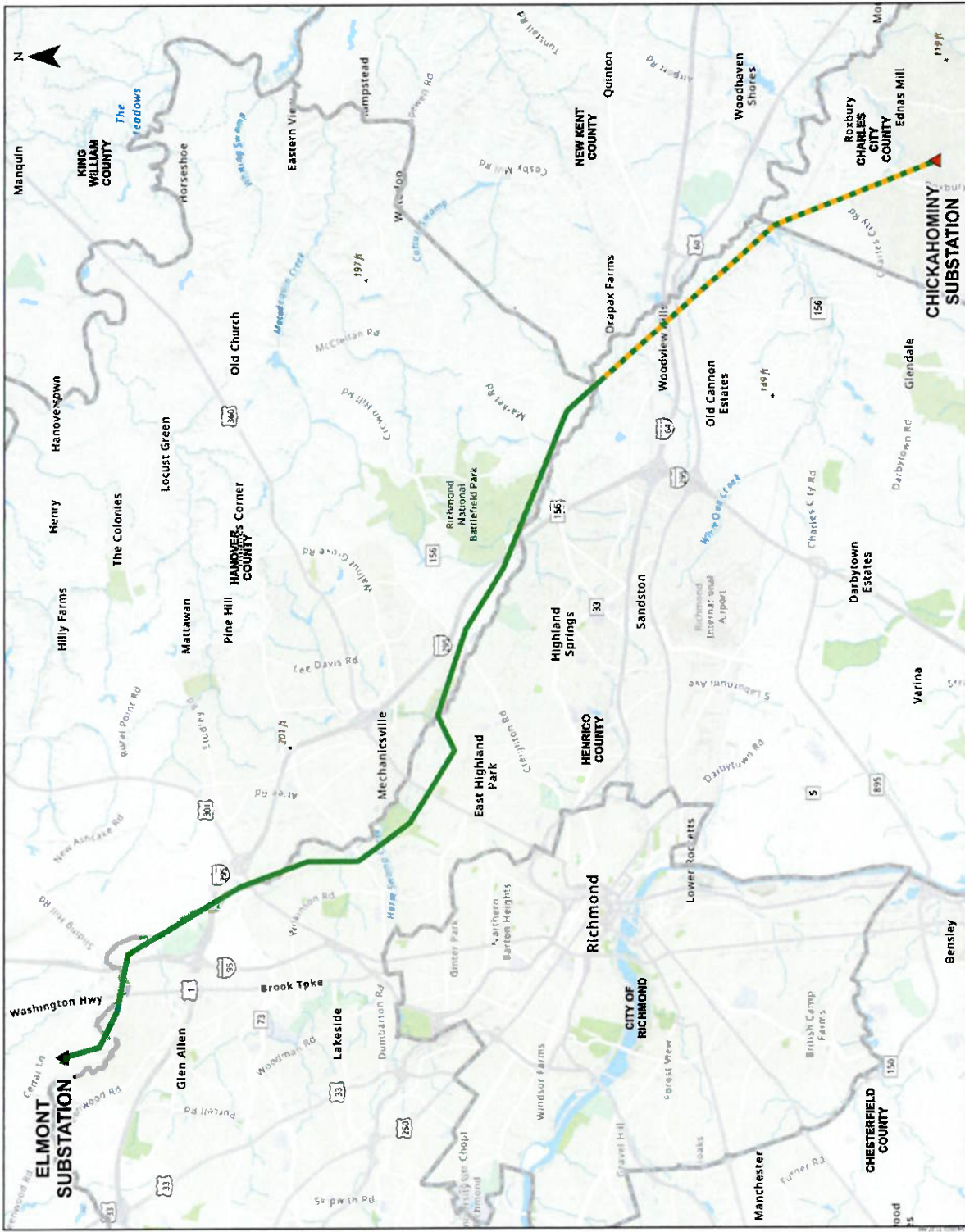
Existing Substation

County Boundary

Notes:  
1. Base map from Esri World Topographic Map  
2. Project boundaries provided by Dominion Energy Virginia  
3. Roads and railroads from Virginia Geographic Information Network



SHEET 1 OF 1



COMMONWEALTH OF VIRGINIA  
STATE CORPORATION COMMISSION

APPLICATION OF	)	
	)	
VIRGINIA ELECTRIC AND POWER	)	Case No. PUR-2025-00077
COMPANY	)	
	)	
For approval and certification of electric	)	
transmission facilities:	)	
Chickahominy-Elmont Line #557	)	
Rebuild and New Future 230 kV Lines	)	

**IDENTIFICATION, SUMMARIES, AND TESTIMONY OF DIRECT WITNESSES OF  
VIRGINIA ELECTRIC AND POWER COMPANY**

**Jason Whitlow**

Witness Direct Testimony Summary  
Direct Testimony  
Appendix A: Background and Qualifications

**Trey Rydel**

Witness Direct Testimony Summary  
Direct Testimony  
Appendix A: Background and Qualifications

**Mohammad Othman**

Witness Direct Testimony Summary  
Direct Testimony  
Appendix A: Background and Qualifications

**Hannah Hurst**

Witness Direct Testimony Summary  
Direct Testimony  
Appendix A: Background and Qualifications

## **WITNESS DIRECT TESTIMONY SUMMARY**

**Witness:** Jason Whitlow

**Title:** Engineer III – Electric Transmission Planning

**Summary:** Company Witness Jason Whitlow will sponsor those portions of the Appendix describing the Company's transmission system and the need for, and benefits of, the proposed Rebuild Project, as follows:

- Section I.B: This section details the engineering justifications for the proposed project.
- Section I.C: This section describes the present system and details how the proposed project will effectively satisfy present and projected future load demand requirements.
- Section I.D: This section describes critical contingencies and associated violations due to the inadequacy of the existing system.
- Section I.E: This section explains feasible project alternatives.
- Section I.G: This section provides a system map for the affected area.
- Section I.H: This section provides the desired in-service date of the proposed project and the estimated construction time.
- Section I.J: This section provides information about the project if it has been approved by the RTO.
- Section I.K: This section provides outage history and maintenance history for existing transmission lines if the proposed project is a rebuild and is due in part to reliability issues.
- Section I.M: Although not applicable to the proposed project, this section, when applicable, contains information for transmission lines interconnecting a non-utility generator.
- Section I.N: Although not applicable to the proposed project, this section, when applicable, provides the proposed and existing generating sources, distribution circuits or load centers planned to be served by all new substations, switching stations, and other ground facilities associated with the proposed project.
- Section II.A.3: This section provides the colored maps of existing or proposed rights-of-way in the vicinity of the proposed project.
- Section II.A.10: This section provides details of the construction plans for the proposed project, including requested and approved line outage schedules.

Additionally, Company Witness Whitlow co-sponsors the following portion of the Appendix:

- Section I.A (co-sponsored with Company Witness Trey M. Rydel): This section details the primary justifications for the proposed project.
- Section I.L (co-sponsored with Company Witness Trey M. Rydel): This section provides details on the deterioration of structures and associated equipment as applicable.
- Section II.C (co-sponsored with Company Witness Mohammad Othman): This section describes and furnishes plan drawings of the substation, switching station, and other ground facilities associated with the proposed project.

A statement of Mr. Whitlow's background and qualifications is attached to his testimony as Appendix A.

**DIRECT TESTIMONY  
OF  
JASON WHITLOW  
ON BEHALF OF  
VIRGINIA ELECTRIC AND POWER COMPANY  
BEFORE THE  
VIRGINIA STATE CORPORATION COMMISSION  
CASE NO. PUR-2025-00077**

1   **Q.     Please state your name, business address and position with Virginia Electric and**  
2       **Power Company (“Dominion Energy Virginia” or the Company”).**

3   A.    My name is Jason Whitlow, and I am an Engineer III in the Electric Transmission Planning  
4        for the Company. My business address is 5000 Dominion Blvd., Glen Allen, Virginia  
5        23060. A statement of my qualifications and background is provided as Appendix A.

6   **Q.     Please describe your areas of responsibility with the Company.**

7   A.    I am responsible for planning the Company’s electric transmission system for voltages  
8        of 69 kilovolts (“kV”) through 500 kV.

9   **Q.     What is the purpose of your testimony in this proceeding?**

10  A.    In order to: (a) maintain the structural integrity and reliability of the networked  
11        transmission system in compliance with mandatory North American Electric Reliability  
12        Corporation (“NERC”) Reliability Standards; and (b) provide for future load growth in the  
13        Richmond Load Area, Virginia Electric and Power Company (“Dominion Energy  
14        Virginia” or the “Company”) proposes, in Charles City, Henrico, and Hanover Counties,<sup>1</sup>  
15        to rebuild its Chickahominy to Elmont transmission corridor by: (i) rebuilding, within

---

<sup>1</sup> A short, less than 0.02-mile segment of the Rebuild Project right-of-way traverses a small area of land whose ownership between the surrounding localities cannot be determined. In this less than 0.02-mile segment of the Rebuild Project, the Rebuild Project’s conductor may traverse a small area of New Kent County. Despite this crossing, no structures currently exist or will be constructed in New Kent County. Because the Rebuild Project does not meaningfully—if at all—traverse New Kent County, the Company does not consider the Rebuild Project to cross New Kent County. The Company has nonetheless provided New Kent County officials and residents with notice of the Rebuild Project, but has not otherwise included New Kent County in this Appendix.



1 existing right-of-way, approximately 27.7 miles of the existing 500 kilovolt (“kV”) Line  
2 #557 by removing the existing 500 kV single circuit COR-TEN® structures and replacing  
3 them with new 500/230 kV double circuit weathering steel H-frame structures;<sup>2</sup> and  
4 (ii) installing approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the  
5 structures of the Company’s existing 230 kV Chickahominy-White Oak Line #2294,  
6 between Chickahominy Substation and Structure #2294/148<sup>3, 4</sup> (collectively the “Rebuild  
7 Project”).<sup>5</sup>

8 The purpose of my testimony is to describe the Company's transmission system and the  
9 need for, and benefits of, the proposed Rebuild Project. I am sponsoring Sections I.B, I.C,

---

<sup>2</sup> As part of the Rebuild Project, the Company proposes to install 27.6 miles of idle 230 kV conductors on the lower level of the Company’s proposed 500/230 kV double circuit structures between Chickahominy Substation and Elmont Substation. As explained in this Executive Summary and Section I.A, this work is needed so that the Company can continue to provide reliable service for the significant load growth anticipated in the Rebuild Project area. The Company will not energize the new conductors until the anticipated load materializes and the substation terminations are available.

<sup>3</sup> Heading north after exiting Chickahominy Substation, 500 kV Line #557 and 230 kV Line #2075 parallel each other for approximately 8.1 miles within the same corridor, until diverging at Structure #2075/148 (Structure #557/264). In addition to installing idle conductors on the vacant arms of Line #2075, the Company intends to opportunistically reconductor Line #2075 between Chickahominy Substation and Structure #2075/150. The Company considers this reconductoring to qualify as an “ordinary extension[] or improvement[] in the usual course of business” (*i.e.*, “ordinary course”) pursuant to Va. Code § 56-265.2 A 1 and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a certificate of public convenience and necessity (“CPCN”) from the Commission. This is consistent with the Staff’s July 6, 2017 guidance (available at <https://www.scc.virginia.gov/media/sccvirginiagov-home/regulated-industries/utility-regulation/responsibilities/guidance-documents/staffguidanceordvsnord.pdf>), which provides that any transmission project that only requires reconductoring, maintenance or station work does not require a CPCN.

<sup>4</sup> The Company intends to install conductors between Structure #2075/149 and Elmont Substation on the existing vacant arms as part of a future project.

<sup>5</sup> The Company will also perform work associated with the Rebuild Project at the Elmont Substation. This work, while not included as part of the Rebuild Project, is discussed in Section II.C. In addition, Line #2075 currently terminates at Elmont Substation. Upon completion of the Rebuild Project, Line #2075 will double dead-end at or near Elmont Substation to capture significant cost savings and minimize environmental impacts, as compared to leaving Line #2075 unaddressed until a later date when the station can be arranged to accept the termination. While the work is required by the proposed Rebuild Project, the Company considers the work at Elmont Substation and the work related to Line #2075’s termination to qualify as an “ordinary extension[] or improvement[] in the usual course of business (*i.e.*, “ordinary course”) pursuant to § 56-265.2 A 1 of the Code of Virginia (“Va. Code”) and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a CPCN from the Commission. Because this work is not a component of the proposed Rebuild Project, the costs associated with this work are not included in the total Rebuild Project costs.

1 I.D, I.E, I.G, I.H, I.J, I.K, I.M, I.N, II.A.3, and II.A.10 of the Appendix. Additionally, I am  
2 co-sponsoring Sections I.A and I.L with Company Witness Trey M. Rydel. I am also co-  
3 sponsoring Section II.C with Company Witness Mohammad Othman.

4 **Q. Does this conclude your testimony?**

5 A. Yes, it does.

**BACKGROUND AND QUALIFICATIONS  
OF  
JASON WHITLOW**

Jason Whitlow received a Bachelor of Science degree in Mechanical Engineering from the Virginia Polytechnic Institute and State University in 2007. Mr. Whitlow has been employed by the Company since 2013, where he has worked in both natural gas and electric transmission planning. Prior to joining the Company, he worked as a Project Manager for the Whiting-Turner Contracting Company.

Mr. Whitlow has previously testified before the Virginia State Corporation Commission.

## **WITNESS DIRECT TESTIMONY SUMMARY**

**Witness:**      Trey M. Rydel

**Title:**          Electric Transmission Engineer

**Summary:**

Company Witness Trey M. Rydel will sponsor those portions of the Appendix providing an overview of the design characteristics of the transmission facilities for the proposed Rebuild Project, and discussing electric and magnetic field levels, as follows:

- Section I.F: This section describes any lines or facilities that will be removed, replaced or taken out of service upon completion of the proposed project.
- Section II.A.5: This section provides drawings of the right-of-way cross section showing typical transmission lines structure placements.
- Section II.B.1 to II.B.3: These sections provide the line design and operational features of the proposed project, as applicable.
- Section IV: This section provides analysis on the health aspects of electric and magnetic field levels.

Additionally, Company Witness Rydel co-sponsors the following portions of the Appendix:

- Section I.A (co-sponsored with Company Witness Jason Whitlow): This section details the primary justifications for the proposed project.
- Section I.I (co-sponsored with Company Witness Mohammad Othman): This section provides the estimated total cost of the proposed project.
- Section I.L (co-sponsored with Company Witness Jason Whitlow): This section provides details on the deterioration of structures and associated equipment as applicable.
- Section II.B.5 (co-sponsored with Company Witness Hannah Hurst): This section provides the mapping and structure heights for the existing and proposed overhead structures.

A statement of Mr. Rydel's background and qualifications is attached to his testimony as Appendix A.

**DIRECT TESTIMONY  
OF  
TREY M. RYDEL  
ON BEHALF OF  
VIRGINIA ELECTRIC AND POWER COMPANY  
BEFORE THE  
VIRGINIA STATE CORPORATION COMMISSION  
CASE NO. PUR-2025-00077**

1   **Q.     Please state your name, business address and position with Virginia Electric and**  
2       **Power Company (“Dominion Energy Virginia” or the Company”).**

3   A.    My name is Trey M. Rydel, and I am an Electric Transmission Engineer in the Electric  
4        Transmission Line Engineering Department of the Company. My business address is 5000  
5        Dominion Blvd., Glen Allen, Virginia 23060. A statement of my qualifications and  
6        background is provided as Appendix A.

7   **Q.     Please describe your areas of responsibility with the Company.**

8   A.    I am responsible for the estimating and conceptual design on high voltage transmission  
9        line projects from voltages of 69 kilovolts (“kV”) to 500 kV.

10   **Q.    What is the purpose of your testimony in this proceeding?**

11   A.    In order to: (a) maintain the structural integrity and reliability of the networked  
12        transmission system in compliance with mandatory North American Electric Reliability  
13        Corporation (“NERC”) Reliability Standards; and (b) provide for future load growth in the  
14        Richmond Load Area, Virginia Electric and Power Company (“Dominion Energy  
15        Virginia” or the “Company”) proposes, in Charles City, Henrico, and Hanover Counties,<sup>1</sup>

---

<sup>1</sup> A short, less than 0.02-mile segment of the Rebuild Project right-of-way traverses a small area of land whose ownership between the surrounding localities cannot be determined. In this less than 0.02-mile segment of the Rebuild Project, the Rebuild Project’s conductor may traverse a small area of New Kent County. Despite this crossing, no structures currently exist or will be constructed in New Kent County. Because the Rebuild Project does not meaningfully—if at all—traverse New Kent County, the Company does not consider the Rebuild Project to cross New Kent County. The Company has nonetheless provided New Kent County officials and residents with notice of the Rebuild Project, but has not otherwise included New Kent County in this Appendix.

1 to rebuild its Chickahominy to Elmont transmission corridor by: (i) rebuilding, within  
2 existing right-of-way, approximately 27.7 miles of the existing 500 kilovolt (“kV”) Line  
3 #557 by removing the existing 500 kV single circuit COR-TEN® structures and replacing  
4 them with new 500/230 kV double circuit weathering steel H-frame structures;<sup>2</sup> and  
5 (ii) installing approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the  
6 structures of the Company’s existing 230 kV Chickahominy-White Oak Line #2294,  
7 between Chickahominy Substation and Structure #2075/148<sup>3, 4</sup> (collectively the “Rebuild  
8 Project”).<sup>5</sup>

---

<sup>2</sup> As part of the Rebuild Project, the Company proposes to install 27.6 miles of idle 230 kV conductors on the lower level of the Company’s proposed 500/230 kV double circuit structures between Chickahominy Substation and Elmont Substation. As explained in this Executive Summary and Section I.A, this work is needed so that the Company can continue to provide reliable service for the significant load growth anticipated in the Rebuild Project area. The Company will not energize the new conductors until the anticipated load materializes and the substation terminations are available.

<sup>3</sup> Heading north after exiting Chickahominy Substation, 500 kV Line #557 and 230 kV Line #2075 parallel each other for approximately 8.1 miles within the same corridor, until diverging at Structure #2075/148 (Structure #557/264). In addition to installing idle conductors on the vacant arms of Line #2075, the Company intends to opportunistically reconductor Line #2075 between Chickahominy Substation and Structure #2075/150. The Company considers this reconductoring to qualify as an “ordinary extension[] or improvement[] in the usual course of business” (*i.e.*, “ordinary course”) pursuant to Va. Code § 56-265.2 A 1 and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a certificate of public convenience and necessity (“CPCN”) from the Commission. This is consistent with the Staff’s July 6, 2017 guidance (available at <https://www.scc.virginia.gov/media/sccvirginiagov-home/regulated-industries/utility-regulation/responsibilities/guidance-documents/staffguidanceordvsnonord.pdf>), which provides that any transmission project that only requires reconductoring, maintenance or station work does not require a CPCN.

<sup>4</sup> The Company intends to install conductors between Structure #2075/149 and Elmont Substation on the existing vacant arms as part of a future project.

<sup>5</sup> The Company will also perform work associated with the Rebuild Project at the Elmont Substation. This work, while not included as part of the Rebuild Project, is discussed in Section II.C of the Application Appendix. In addition, Line #2075 currently terminates at Elmont Substation. Upon completion of the Rebuild Project, Line #2075 will double dead-end at or near Elmont Substation to capture significant cost savings and minimize environmental impacts, as compared to leaving Line #2075 unaddressed until a later date when the station can be arranged to accept the termination. While the work is required by the proposed Rebuild Project, the Company considers the work at Elmont Substation and the work related to Line #2075’s termination to qualify as an “ordinary extension[] or improvement[] in the usual course of business (*i.e.*, “ordinary course”) pursuant to § 56-265.2 A 1 of the Code of Virginia (“Va. Code”) and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a Certificate of Public Convenience and Necessity (“CPCN”) from the Commission. Because this work is not a component of the proposed Rebuild Project, the costs associated with this work are not included in the total Rebuild Project costs.

1 The purpose of my testimony is to describe the design characteristics of the transmission  
2 facilities for the proposed Rebuild Project, and also to discuss electric and magnetic field  
3 ("EMF") levels. I am sponsoring Sections I.F, II.A.5, II.B.1, II.B.2, II.B.3, and IV of the  
4 Appendix. I am also co-sponsoring Sections I.A and I.L of the Appendix with Company  
5 Witness Jason Whitlow; Section I.I of the Appendix with Company Witness Mohammad  
6 Othman; and Section II.B.5 of the Appendix with Company Witness Hannah Hurst.

7 **Q. Does this conclude your testimony?**

8 **A.** Yes, it does.

**BACKGROUND AND QUALIFICATIONS  
OF  
TREY M. RYDEL**

Trey M. Rydel received a Bachelor of Science degree in Civil Engineering from Virginia Polytechnic Institute and State University (Virginia Tech) in 2016. He has been employed by the Company as an Electric Transmission Engineer since 2020. Before joining the Company, Mr. Rydel worked as a Transportation Engineer for Dewberry for nearly four years. He is certified by the Virginia Department of Professional and Occupational Regulation as an Engineer-in-Training.



## **WITNESS DIRECT TESTIMONY SUMMARY**

**Witness:** Mohammad Othman

**Title:** Engineer III – Substation Engineering

**Summary:**

Company Witness Mohammad Othman co-sponsors those portions of the Appendix describing the Company's proposed substation work and associated costs, as follows:

- Section I.I (co-sponsored with Company Witness Trey M. Rydel): This section provides the estimated total cost of the proposed project.
- Section II.C (co-sponsored with Company Witness Jason Whitlow): This section describes and furnishes plan drawings of the substation, switching station, and other ground facilities associated with the proposed project.

A statement of Mr. Othman's background and qualifications is attached to his testimony as Appendix A.

**DIRECT TESTIMONY  
OF  
MOHAMMAD OTHMAN  
ON BEHALF OF  
VIRGINIA ELECTRIC AND POWER COMPANY  
BEFORE THE  
VIRGINIA STATE CORPORATION COMMISSION  
CASE NO. PUR-2025-00077**

1   **Q.     Please state your name, business address and position with Virginia Electric and**  
2       **Power Company (“Dominion Energy Virginia” or the Company”).**

3   A.    My name is Mohammad Othman, and I am an Engineer III in the Substation Engineering  
4        section of the Electric Transmission Group of the Company. My business address is 5000  
5        Dominion Blvd., Glen Allen, Virginia 23060. A statement of my qualifications and  
6        background is provided as Appendix A.

7   **Q.     Please describe your areas of responsibility with the Company.**

8   A.    I am responsible for evaluation of the substation project requirements, feasibility  
9        studies, conceptual physical design, scope development, preliminary engineering and  
10       cost estimating for high voltage transmission and distribution substations.

11   **Q.     What is the purpose of your testimony in this proceeding?**

12   A.    In order to: (a) maintain the structural integrity and reliability of the networked  
13       transmission system in compliance with mandatory North American Electric Reliability  
14       Corporation (“NERC”) Reliability Standards; and (b) provide for future load growth in the  
15       Richmond Load Area, Virginia Electric and Power Company (“Dominion Energy  
16       Virginia” or the “Company”) proposes, in Charles City, Henrico, and Hanover Counties,<sup>1</sup>

---

<sup>1</sup> A short, less than 0.02-mile segment of the Rebuild Project right-of-way traverses a small area of land whose ownership between the surrounding localities cannot be determined. In this less than 0.02-mile segment of the Rebuild Project, the Rebuild Project’s conductor may traverse a small area of New Kent County. Despite this crossing, no structures currently exist or will be constructed in New Kent County. Because the Rebuild Project does not

1 to rebuild its Chickahominy to Elmont transmission corridor by: (i) rebuilding, within  
2 existing right-of-way, approximately 27.7 miles of the existing 500 kilovolt (“kV”) Line  
3 #557 by removing the existing 500 kV single circuit COR-TEN® structures and replacing  
4 them with new 500/230 kV double circuit weathering steel H-frame structures;<sup>2</sup> and  
5 (ii) installing approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the  
6 structures of the Company’s existing 230 kV Chickahominy-White Oak Line #2294,  
7 between Chickahominy Substation and Structure #2075/148<sup>3, 4</sup> (collectively the “Rebuild  
8 Project”).<sup>5</sup>

---

meaningfully—if at all—traverse New Kent County, the Company does not consider the Rebuild Project to cross New Kent County. The Company has nonetheless provided New Kent County officials and residents with notice of the Rebuild Project, but has not otherwise included New Kent County in this Appendix.

<sup>2</sup> As part of the Rebuild Project, the Company proposes to install 27.7 miles of idle 230 kV conductors on the lower level of the Company’s proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. As explained in this Executive Summary and Section I.A of the Application Appendix, this work is needed so that the Company can continue to provide reliable service for the significant load growth anticipated in the Rebuild Project area. The Company will not energize the new conductors until the anticipated load materializes and the substation terminations are available.

<sup>3</sup> Heading north after exiting Chickahominy Substation, 500 kV Line #557 and 230 kV Line #2075 parallel each other for approximately 8.1 miles within the same corridor, until diverging at Structure #2075/148 (Structure #557/264). In addition to installing idle conductors on the vacant arms of Line #2075, the Company intends to opportunistically reconductor Line #2075 between Chickahominy Substation and Structure #2075/150. The Company considers this reconductoring to qualify as an “ordinary extension[] or improvement[] in the usual course of business” (i.e., “ordinary course”) pursuant to Va. Code § 56-265.2 A 1 and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a certificate of public convenience and necessity (“CPCN”) from the Commission. This is consistent with the Staff’s July 6, 2017 guidance (available at <https://www.scc.virginia.gov/media/sccvirginiagov-home/regulated-industries/utility-regulation/responsibilities/guidance-documents/staffguidanceordvsnonord.pdf>), which provides that any transmission project that only requires reconductoring, maintenance or station work does not require a CPCN.

<sup>4</sup> The Company intends to install conductors between Structure #2075/149 and Elmont Substation on the existing vacant arms as part of a future project.

<sup>5</sup> The Company will also perform work associated with the Rebuild Project at the Elmont Substation. This work, while not included as part of the Rebuild Project, is discussed in Section II.C of the Application Appendix. In addition, Line #2075 currently terminates at Elmont Substation. Upon completion of the Rebuild Project, Line #2075 will double dead-end at or near Elmont Substation to capture significant cost savings and minimize environmental impacts, as compared to leaving Line #2075 unaddressed until a later date when the station can be arranged to accept the termination. While the work is required by the proposed Rebuild Project, the Company considers the work at Elmont Substation and the work related to Line #2075’s termination to qualify as an “ordinary extension[] or improvement[] in the usual course of business (i.e., “ordinary course”) pursuant to § 56-265.2 A 1 of the Code of

1           The purpose of my testimony is to describe the work to be performed at the Chickahominy  
2           and Elmont Substations. I am co-sponsoring Section I.I of the Appendix with Company  
3           Witness Trey M. Rydel and Section II.C of the Appendix with Company Witness Jason  
4           Whitlow specifically as it pertains to the cost estimate for substation work.

5   **Q.     Does this conclude your testimony?**

6   A.     Yes, it does.

---

Virginia (“Va. Code”) and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a Certificate of Public Convenience and Necessity (“CPCN”) from the Commission. Because this work is not a component of the proposed Rebuild Project, the costs associated with this work are not included in the total Rebuild Project costs.

**BACKGROUND AND QUALIFICATIONS  
OF  
MOHAMMAD OTHMAN**

Mohammad M. Othman received a Bachelor of Science degree in Electrical Engineering from Virginia Commonwealth University in 2008. Mr. Othman's responsibilities include the evaluation of the substation project requirements, development of scope documents and schedules, preparation of estimates and proposals, preparation of specifications and bid documents, material procurement, design substation physical layout, development of detailed physical drawings, bill of materials, electrical schematics and wiring diagrams. Mr. Othman joined the Dominion Energy Virginia Substation Engineering department in 2010 as an Engineer II and was later promoted to Engineer III, the title he currently holds.

Mr. Othman has previously submitted pre-filed testimony to the State Corporation Commission of Virginia.

## **WITNESS DIRECT TESTIMONY SUMMARY**

**Witness:** Hannah Hurst

**Title:** Siting and Permitting Specialist – Siting and Permitting Group

**Summary:**

Company Witness Hannah Hurst sponsors those portions of the Appendix providing an overview of the design of the route for the proposed Project, and related permitting, as follows:

- Section II.A.1: This section provides the length of the proposed corridor and viable alternatives to the proposed project.
- Section II.A.2: This section provides a map showing the route of the proposed project in relation to notable points close to the proposed project.
- Section II.A.4: Although not applicable to the proposed project, this section, when applicable, explains why the existing right-of-way is not adequate to serve the need.
- Sections II.A.6 to II.A.9: These sections provide detail regarding the right-of-way and proposed route selection procedures for the proposed project.
- Section II.A.11: This section details how the construction of the proposed project follows the provisions discussed in Attachment 1 of the Guidelines.
- Section II.A.12: This section identifies the counties and localities through which the proposed project will pass and provides General Highway Maps for these localities.
- Section II.B.6: This section provides photographs of existing facilities, representations of proposed facilities, and visual simulations.
- Section III: This section details the impact of the proposed project on scenic, environmental, and historic features.
- Section V: This section provides information related to public notice of the proposed project.

Additionally, Ms. Hurst co-sponsors the following portions of the Appendix:

- Section II.B.5 (co-sponsored with Company Witness Trey M. Rydel): This section provides the mapping and structure heights for the existing and proposed overhead structures.

Finally, Ms. Hurst sponsors the DEQ Supplement filed with the Application. A statement of Ms. Hurst's background and qualifications is attached to his testimony as Appendix A.

**DIRECT TESTIMONY  
OF  
HANNAH HURST  
ON BEHALF OF  
VIRGINIA ELECTRIC AND POWER COMPANY  
BEFORE THE  
VIRGINIA STATE CORPORATION COMMISSION  
CASE NO. PUR-2025-00077**

1   **Q.   Please state your name, business address and position with Virginia Electric and**  
2       **Power Company (“Dominion Energy Virginia” or the Company”).**

3   A.   My name is Hannah Hurst, and I am a Siting and Permitting Specialist in the Siting and  
4       Permitting Group for the Company. My business address is 5000 Dominion Blvd., Glen  
5       Allen, Virginia 23060. A statement of my qualifications and background is provided as  
6       Appendix A.

7   **Q.   Please describe your areas of responsibility with the Company.**

8   A.   I am responsible for identifying appropriate routes for transmission lines and obtaining  
9       necessary federal, state, and local approvals and environmental permits for those  
10      facilities. In this position, I work closely with government officials, permitting  
11      agencies, property owners, and other interested parties, as well as with other Company  
12      personnel, to develop facilities needed by the public so as to reasonably minimize  
13      environmental and other impacts on the public in a reliable, cost-effective manner.

14   **Q.   What is the purpose of your testimony in this proceeding?**

15   A.   In order to: (a) maintain the structural integrity and reliability of the networked  
16      transmission system in compliance with mandatory North American Electric Reliability  
17      Corporation (“NERC”) Reliability Standards; and (b) provide for future load growth in the  
18      Richmond Load Area, Virginia Electric and Power Company (“Dominion Energy

1 Virginia” or the “Company”) proposes, in Charles City, Henrico, and Hanover Counties,<sup>1</sup>  
2 to rebuild its Chickahominy to Elmont transmission corridor by: (i) rebuilding, within  
3 existing right-of-way, approximately 27.7 miles of the existing 500 kilovolt (“kV”) Line  
4 #557 by removing the existing 500 kV single circuit COR-TEN<sup>®</sup> structures and replacing  
5 them with new 500/230 kV double circuit weathering steel H-frame structures;<sup>2</sup> and  
6 (ii) installing approximately 8.1 miles of idle 230 kV conductors on the vacant arms of the  
7 structures of the Company’s existing 230 kV Chickahominy-White Oak Line #2294,  
8 between Chickahominy Substation and Structure #2075/148<sup>3, 4</sup> (collectively the “Rebuild  
9 Project”).<sup>5</sup>

---

<sup>1</sup> A short, approximately 0.2-mile segment of the Rebuild Project right-of-way traverses a small, unincorporated area of land that has not been incorporated into any of the surrounding localities. Although this area is not part of New Kent County or any other county, the Company has included New Kent County in its project maps, provided New Kent County officials with notice of the Rebuild Project, and notified New Kent County residents about the Rebuild Project. Because the land in question is unincorporated, the Company does not consider the Rebuild Project to cross New Kent County. Consequently, the Company has not taken further action to otherwise include New Kent County into this Appendix.

<sup>2</sup> As part of the Rebuild Project, the Company proposes to install 27.7 miles of idle 230 kV conductors on the lower level of the Company’s proposed 500/230 kV double circuit structures between Chickahominy and Elmont Substations. As explained in this Executive Summary and Section I.A of the Application Appendix, this work is needed so that the Company can continue to provide reliable service for the significant load growth anticipated in the Rebuild Project area. The Company will not energize the new conductors until the anticipated load materializes and the substation terminations are available.

<sup>3</sup> Heading north after exiting Chickahominy Substation, 500 kV Line #557 and 230 kV Line #2075 parallel each other for approximately 8.1 miles within the same corridor, until diverging at Structure #2075/148 (Structure #557/264). In addition to installing idle conductors on the vacant arms of Line #2075, the Company intends to opportunistically reconductor Line #2075 between Chickahominy Substation and Structure #2075/150. The Company considers this reconductoring to qualify as an “ordinary extension[] or improvement[] in the usual course of business” (*i.e.*, “ordinary course”) pursuant to Va. Code § 56-265.2 A 1 and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a certificate of public convenience and necessity (“CPCN”) from the Commission. This is consistent with the Staff’s July 6, 2017 guidance (available at <https://www.scc.virginia.gov/media/sccvirginiagov-home/regulated-industries/utility-regulation/responsibilities/guidance-documents/staffguidanceordvsnonord.pdf>), which provides that any transmission project that only requires reconductoring, maintenance or station work does not require a CPCN.

<sup>4</sup> The Company intends to install conductors between Structure #2075/149 and Elmont Substation on the existing vacant arms as part of a future project.

<sup>5</sup> The Company will also perform work associated with the Rebuild Project at the Elmont Substation. This work, while not included as part of the Rebuild Project, is discussed in Section II.C of the Application Appendix. In



1 The purpose of my testimony is to provide an overview of the route and permitting for the  
2 proposed Project. As it pertains to routing and permitting, I sponsor Sections II.A.1, II.A.2,  
3 II.A.4, II.A.6, II.A.7, II.A.8, II.A.9, II.A.11, II.A.12, II.B.6, III, and V of the Appendix. I  
4 also sponsor the DEQ Supplement filed with the Application, and co-sponsor Section II.B.5  
5 of the Appendix with Company Witness Trey M. Rydel.

6 **Q. Has the Company complied with Va. Code § 15.2-2202 E?**

7 A. In accordance with Va. Code § 15.2-2202 E, letters dated April 9, 2025, were sent to Mr.  
8 Ryan Patterson, Vice Chair and Mr. Sanford Wanner, County Administrator  
9 in Charles City County; Mr. Roscoe D. Cooper, III, Supervisor, Mr. Tyrone E.  
10 Nelson, Supervisor, and Mr. John Vithoukas, County Manager in Henrico County; Mr. F.  
11 Michael Herzburg IV, Chairman, Ms. Susan P. Dibble, Supervisor, and Mr. John A.  
12 Budesky, County Administrator in Hanover County; and Mr. John Moyer, Supervisor, and  
13 Mr. Rodney Hathaway, County Administrator in New Kent County, advising of the  
14 Company's intention to file this Application and inviting the localities to consult with the  
15 Company about the Rebuild Project. See Attachment V.D.

16 **Q. Does this conclude your testimony?**

17 A. Yes, it does.

---

addition, Line #2075 currently terminates at Elmont Substation. Upon completion of the Rebuild Project, Line #2075 will double dead-end at or near Elmont Substation to capture significant cost savings and minimize environmental impacts, as compared to leaving Line #2075 unaddressed until a later date when the station can be arranged to accept the termination. While the work is required by the proposed Rebuild Project, the Company considers the work at Elmont Substation and the work related to Line #2075's termination to qualify as an "ordinary extension[]" or improvement[] in the usual course of business (i.e., "ordinary course") pursuant to § 56-265.2 A 1 of the Code of Virginia ("Va. Code") and, therefore, does not require approval pursuant to Va. Code § 56-46.1 B or a Certificate of Public Convenience and Necessity ("CPCN") from the Commission. Because this work is not a component of the proposed Rebuild Project, the costs associated with this work are not included in the total Rebuild Project costs.

**BACKGROUND AND QUALIFICATIONS  
OF  
HANNAH HURST**

Hannah Hurst received a bachelor's degree in Environmental Horticulture from Virginia Tech Polytechnic Institute in 2016. Ms. Hurst has been employed by the Company since 2022 as a Siting and Permitting Specialist. Prior to joining the Company, she worked as Environmental Planner for New Kent County where she was responsible for permitting procedures and inspections. Her areas of expertise are in local zoning, planning, and local environmental permitting.

Ms. Hurst has previously testified before the Virginia State Corporation Commission.