

COMMONWEALTH OF VIRGINIA
STATE CORPORATION COMMISSION
AT RICHMOND, APRIL 17, 2024

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2024 APR 17 P 3:59

APPLICATION OF

VIRGINIA ELECTRIC AND POWER COMPANY

CASE NO. PUR-2024-00032

For approval and certification of electric transmission facilities: 500-230 kV Aspen Substation, 500 kV Aspen-Goose Creek Line #5002, 500 kV and 230 kV Aspen-Golden Lines #5001 and #2333, 500-230 kV Golden Substation, and Lines #2081/#2150 Loop

APPLICATION OF

VIRGINIA ELECTRIC AND POWER COMPANY

CASE NO. PUR-2024-00044

For approval and certification of electric transmission facilities: 230 kV Apollo-Twin Creek Lines, and Twin Creeks, Sycolin Creek, Starlight, Lunar, and Apollo Substations

ORDER FOR NOTICE AND HEARING

Case No. PUR-2024-00032

On March 7, 2024, in Case No. PUR-2024-00032, Virginia Electric and Power Company ("Dominion" or the "Company") filed with the State Corporation Commission ("Commission") an application ("Aspen Application") for approval and certification of electric facilities in Loudoun County, Virginia.¹ Dominion filed its Aspen Application pursuant to § 56-46.1 of the Code of Virginia ("Code"), and the Utility Facilities Act, Code § 56-265.1 *et seq.*

Through its Aspen Application, the Company proposes to complete the following (collectively, the "Aspen-Golden Project"):²

- (1) Construct a new 500-230 kilovolt ("kV") substation in Loudoun County, Virginia, entirely on Company-owned property ("Aspen Substation"). The

¹ Aspen Application at 2.

² *Id.* at 2-5.

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500 kV source to the Aspen Substation will be created by cutting the Company's existing overhead 500 kV Brambleton-Goose Creek Line #558 into the Aspen Substation between Structure #558/1857 and Structure #558/1856. The cut-in of Line #558 to the Aspen Substation will result in (i) 500 kV Aspen-Brambleton Line #558 and (ii) 500 kV Aspen-Goose Creek Line #597.

- (2) In addition to the 500 kV Aspen-Goose Creek Line #597 that results from the cut in for the Aspen Substation as described above, construct a new 500 kV line to connect the proposed Aspen Substation to the existing Goose Creek Substation. Specifically, the Company proposes to construct a new 500 kV single circuit transmission line extending approximately 0.2 mile from the proposed 500-230 kV Aspen Substation to the Company's existing 500 kV Goose Creek Substation in Loudoun County, Virginia, named Aspen-Goose Creek Line #5002 (or the "Aspen-Goose Creek Line"). The Aspen-Goose Creek Line will be constructed entirely on Company-owned property or within existing right-of-way supported by one 500 kV single circuit monopole structure and will utilize three-phase triple-bundled 1351.5 Aluminum Conductor Steel Reinforced ("ACSR") conductors with a summer transfer capability of 4,357 megavolt amperes ("MVA"). Substation line terminal upgrade work will be required at the 500 kV Goose Creek Substation in order to terminate the two proposed Aspen-Goose Creek Lines (*i.e.*, Line #597 and Line #5002), as discussed in Appendix Section II.C to the Aspen Application. Combined with the new 500 kV Aspen-Goose Creek Line #597, this new 500 kV Aspen-Goose Creek Line #5002 will bring two new sources to the area by connecting Goose Creek Substation to the area grid via the proposed Aspen Substation.
- (3) Construct a new approximately 9.4-mile overhead 500 kV single circuit transmission line and a new 230 kV single circuit transmission line almost entirely on new right-of-way. The new transmission lines will originate at the 500 kV and 230 kV buses of the proposed Aspen Substation and continue to the proposed 500-230 kV Golden Substation, where the new lines will terminate, resulting in (i) 500 kV Aspen-Golden Line #5001, and (ii) 230 kV Aspen-Golden Line #2333 (collectively, the "Aspen-Golden Lines"). The proposed Aspen-Golden Lines will be constructed on new right-of-way varying between 100 and 150 feet in width in order to support a 5-2 configuration on a combination of dulled galvanized steel double circuit three-pole or two-pole H-frame structures (150-foot-wide right-of-way) or monopole or two-pole structures (100-foot-wide right-of-way), as well as to accommodate the routing of the lines to their respective buses in the proposed Aspen and Golden Substations. The new 500 kV line will utilize three-phase triple-bundled 1351.5 ACSR conductors with a summer transfer capability of 4,357 MVA; the new 230 kV line will utilize three-phase twin-bundled 768.2 Aluminum Conductor Steel Supported/Trapezoidal Wire/High Strength

("ACSS/TW/HS") type conductor with a summer transfer capability of 1,573 MVA.

- (4) Construct a new 500-230 kV substation in Loudoun County, Virginia, on property to be obtained by the Company ("Golden Substation").
- (5) Loop the Company's existing 230 kV overhead Paragon Park-Sterling Park Line #2081 and Paragon Park-Sterling Park Line #2150, which are currently collocated on double circuit lattice towers, into and out of the proposed Golden Substation in Loudoun County, Virginia. Specifically, the Company proposes to cut Line #2081 and Line #2150 between Structure #2081/124 / #2150/184 and Structure #2081/123 / #2150/183, and loop the existing lines into and out of the proposed Golden Substation, resulting in (i) Golden-Sterling Park #2081, (ii) Golden-Sterling Park #2150, (iii) Golden-Paragon Park #2348, and (iv) Golden-Paragon Park #2351 (collectively, the "Lines #2081/#2150 Loop" or "Line Loop"). To cut the lines into the proposed Golden Substation, the Company will remove one existing double circuit lattice tower (Structure #2081/123 / #2150/183) and replace it with four duffed galvanized steel single circuit monopoles (Structures #2081/122A, #2150/182A, #2348/123A, and #2351/183A). The Line Loop will be constructed entirely within the existing transmission corridor right-of-way or on property to be obtained by the Company for the proposed Golden Substation. Temporary infrastructure may be installed within the existing transmission corridor to keep Lines #2081 and #2150 in service during construction of the Line Loop. The Company proposes to utilize three-phase twin-bundled 768.2 ACSS/TW/HS type conductor with a summer transfer capability of 1,573 MVA for the Line Loop, the rating of which will be limited to the rating of the existing lines. As the closest existing 230 kV lines to the proposed Golden Substation site, the Lines #2081/#2150 Loop will provide a new 230 kV source from the Aspen/Goose Creek Substation area into Data Center Alley via the proposed Golden Substation.

According to the Aspen Application, Dominion asserts the proposed Aspen-Golden Project is necessary to maintain and improve electric service to customers in the eastern Loudoun load area; to address significant load growth in the eastern Loudoun load area; and to resolve identified North American Electric Reliability Corporation reliability violations.³

³ *Id.* at 5.

Dominion states that for the Aspen-Goose Creek Line #5002, the Company identified one approximately 0.2-mile overhead proposed route that will be constructed entirely within existing right-of-way or on Company-owned property.⁴

Dominion states that for the Aspen-Golden Lines, the Company identified one overhead 9.4-mile proposed route ("Proposed Route" or "Route 1AA") and three overhead alternative routes that are either 9.4 or 9.5 miles long ("Alternative Route 1AB" or "Route 1AB," "Alternative Route 1BA" or "Route 1BA," and "Alternative Route 1BB" or "Route 1BB").⁵

Dominion states that one segment of the Proposed Route extends along State Route 7 ("Rt. 7") adjacent to the Belmont Park planned development (the "Belmont Park Segment") and includes two 0.6-mile overhead variations ("Belmont Park Variation A" and "Belmont Park Variation B").⁶ A second segment extends along Loudoun Water's Broad Run Water Reclamation Facility property and adjacent privately owned properties (the "Broad Run Segment") and includes a 2.2-mile variation ("Broad Run Variation A") and a 2.3-mile variation ("Broad Run Variation B").⁷ A third segment, which is common to all of the Aspen-Golden Lines route alternatives, extends from the proposed Aspen Substation to the proposed Golden Substation, excluding the Belmont Park Segment and the Broad Run Segment where route variations were identified, for a combined total of 6.6 miles ("Route 1").⁸

⁴ *Id.* at 6.

⁵ *Id.*

⁶ *Id.*

⁷ *Id.* at 6-7.

⁸ *Id.* at 7.

The Proposed and Alternative Routes are all comprised of different combinations of these variations, as described below:⁹

- (1) Proposed Route (Route 1AA): Route 1 with Belmont Park Variation A and Broad Run Variation A (approximately 9.4 total miles);
- (2) Alternative Route 1AB: Route 1 with Belmont Park Variation A and Broad Run Variation B (approximately 9.5 total miles);
- (3) Alternative Route 1BA: Route 1 with Belmont Park Variation B and Broad Run Variation A (approximately 9.4 total miles); and
- (4) Alternative Route 1BB: Route 1 with Belmont Park Variation B and Broad Run Variation B (approximately 9.5 total miles).

For the Lines #2081/#2150 Loop, the Company identified one approximately <0.1-mile (approximately 490 feet) overhead proposed route that will be constructed entirely on existing right-of-way or property to be obtained by the Company at the Golden Substation.¹⁰

The Company states the desired in-service date for the proposed Aspen-Golden Project is June 1, 2028.¹¹ The Company represents the estimated conceptual cost of the proposed Aspen-Golden Project is approximately \$688.6 million (in 2023 dollars).¹²

Case No. PUR-2024-00044

On March 27, 2024, in Case No. PUR-2024-00044, Dominion filed with the Commission an application ("Apollo Application") for approval and certification of electric facilities in

⁹ *Id.* at 7-8.

¹⁰ *Id.* at 8.

¹¹ *Id.* at 10. Dominion requests that the Commission enter a final order by October 28, 2024. See Motion of Virginia Electric and Power Company to Consolidate, for Procedural and Hearing Purposes Only, Case Nos. PUR-2024-00032 and PUR-2024-00044, at 5 (Mar. 27, 2024) ("Motion to Consolidate").

¹² Aspen Application at 12.

Loudoun County, Virginia.¹³ Dominion filed its Apollo Application pursuant to § 56-46.1 of the Code of Virginia ("Code"), and the Utility Facilities Act, Code § 56-265.1 *et seq.*

Through its Apollo Application, the Company proposes to complete the following (collectively, the "Apollo-Twin Creeks Project"):¹⁴

- (1) Construct a new double circuit overhead 230 kilovolt ("kV") transmission line on entirely new right-of-way by cutting the Company's existing 230 kV Edwards Ferry-Pleasant View Line #203 at Structure #203/2 (collectively, the "Apollo-Twin Creeks Lines"). From the cut-in location within the existing right-of-way, the Apollo-Twin Creeks Lines will extend approximately 1.9 miles within a predominantly 100-foot-wide right-of-way, interconnecting the proposed Twin Creeks, Sycolin Creek, Starlight, and Lunar Substations and terminating at the proposed Apollo Substation, as defined in the Apollo Application. The proposed Apollo-Twin Creeks Lines will be supported primarily by double circuit dilled galvanized steel monopoles and will utilize three-phase twin-bundled 768.2 ACSS/TW/HS type conductor with a summer transfer capability of 1,573 MVA; and
- (2) Construct five new 230-34.5 kV substations in Loudoun County, Virginia, on property to be obtained by the Company (the "Twin Creeks Substation," "Sycolin Creek Substation," "Starlight Substation," "Lunar Substation," and "Apollo Substation").

According to the Apollo Application, Dominion asserts the proposed Apollo-Twin Creeks Project is necessary to assure that it can provide requested service to three data center customers ("Customers A, B, and C") in Loudoun County, Virginia and to maintain reliable electric service consistent with North American Electric Reliability Corporation Reliability Standards.¹⁵

¹³ Apollo Application at 2.

¹⁴ *Id.* at 2-3.

¹⁵ *Id.* at 4.

Dominion states that the Company identified an approximately 1.9-mile overhead proposed route for the Apollo-Twin Creeks Lines ("Apollo Proposed Route").¹⁶ The Apollo Proposed Route collocates with, or is parallel to, the Company's future Aspen-Golden Lines and existing or planned utilities for approximately 79% of its total length – specifically, with the future Aspen-Golden Lines for approximately 0.9 mile (48% of its length), and with other existing and proposed water and sewer lines for 0.2 and 0.4 mile, respectively (a total of 31% of its length).¹⁷ Additionally, of the 14 parcels crossed by the Apollo Proposed Route, nine (64%) are owned by Customers A, B, and C, which accounts for at least 77% of the total length of the Apollo Proposed Route.¹⁸

The Company states the desired in-service date for the proposed Apollo-Twin Creeks Project is September 30, 2028.¹⁹ The Company represents the estimated conceptual cost of the proposed Apollo-Twin Creeks Project is approximately \$280.7 million (in 2023 dollars).²⁰

DEQ Review

As provided by Code § 62.1-44.15:21 D 2, the Commission and the State Water Control Board ("Board") consult on wetland impacts prior to the siting of electric utility facilities that require a certificate of public convenience and necessity. Acting on behalf of the Board, the Department of Environmental Quality ("DEQ") must prepare a Wetland Impacts Consultation on the Aspen Application and the Apollo Application (collectively, the "Applications"), as required

¹⁶ *Id.*

¹⁷ *Id.* at 5.

¹⁸ *Id.*

¹⁹ *Id.* at 7. Dominion requests that the Commission enter a final order by October 28, 2024. Motion to Consolidate at 5.

²⁰ Apollo Application at 9.

by the Code and Sections 2 and 3 of the Department of Environmental Quality – State Corporation Commission Memorandum of Agreement Regarding Consultation on Wetland Impacts (July 2003).²¹ The Staff of the Commission ("Staff") has requested the Office of Wetlands & Stream Protection at DEQ to provide the Wetland Impacts Consultation for the Applications.²²

As provided by Code §§ 10.1-1186.2:1 B and 56-46.1 A, the Commission and DEQ coordinate reviews of the environmental impact of electric generating plants and associated facilities. Pursuant to the Code and consistent with the Department of Environmental Quality – State Corporation Commission Memorandum of Agreement Regarding Coordination of Reviews of the Environmental Impacts of Proposed Electric Generating Plants and Associated Facilities (August 2002),²³ the Commission receives and considers reports on the proposed facilities from state environmental agencies. Staff has requested the DEQ to coordinate an environmental review of the Applications by the appropriate agencies and to provide a report on the review.²⁴

²¹ *In re Receiving comments on a draft memorandum of agreement between the State Water Control Board and the State Corporation Commission*, Case No. PUE-2003-00114, 2003 S.C.C. Ann. Rept. 474, Order Distributing Memorandum of Agreement (July 30, 2003).

²² Letter from Andrew F. Major, State Corporation Commission, dated March 15, 2024, to David L. Davis, Department of Environmental Quality, filed in Case No. PUR-2024-00032; Letter from Andrew F. Major, State Corporation Commission, dated March 29, 2024, to David L. Davis, Department of Environmental Quality, filed in Case No. PUR-2024-00044.

²³ *In re Receiving comments on a draft memorandum of agreement between the Department of Environmental Quality and the State Corporation Commission*, Case No. PUE-2002-00315, 2002 S.C.C. Ann. Rept. 559, Order Distributing Memorandum of Agreement (Aug. 14, 2002).

²⁴ Letter from Andrew F. Major, State Corporation Commission, dated March 15, 2024, to Bettina Rayfield, Department of Environmental Quality, filed in Case No. PUR-2024-00032; Letter from Andrew F. Major, State Corporation Commission, dated March 29, 2024, to Bettina Rayfield, Department of Environmental Quality, filed in Case No. PUR-2024-00044.

Consolidation for Procedural and Hearing Purposes

On March 27, 2024, the Company filed its Motion to Consolidate requesting the Commission consolidate Case No. PUR-2024-00032 (the Aspen-Golden Project) and Case No. PUR-2024-00044 (the Apollo-Twin Creeks Project) (collectively with Aspen-Golden Project, the "Proposed Projects") for procedural and hearing schedule purposes only.²⁵ Specifically, Dominion requests that the procedural schedules of these cases be consolidated in one Order for Notice and Hearing entered in both dockets, including joint notice, proof of notice, discovery deadline, pre-filed testimony, and the public witness and evidentiary hearings, without the case (or case numbers) being combined, to the extent practicable.²⁶ Dominion notes that almost half (0.9 mile or approximately 48%) of the entire 1.9 mile Apollo Proposed Route will be collocated with the Proposed Route and all three Alternative Routes of the Aspen-Golden Lines.²⁷ Dominion asserts that consolidation would serve judicial economy, streamline the review and discussion of the Proposed Projects along the collocated segment, and alleviate potential confusion for the public along the collocated segment.²⁸ Dominion also requests that all public comments that are submitted in either docket be posted in both dockets to prevent any potential prejudice to respondents or public commenters that may file in only one docket.²⁹ The Motion to Consolidate includes a combined proposed public notice and Notice Map of the Proposed

²⁵ Motion to Consolidate at 4.

²⁶ *Id.*

²⁷ *Id.* at 3.

²⁸ *Id.* at 4.

²⁹ *Id.* at 5.

Projects.³⁰ The Motion to Consolidate represents that Commission Staff does not oppose consolidation.³¹

NOW THE COMMISSION, having considered this matter, is of the opinion and finds as follows.

As an initial matter, the Commission grants Dominion's Motion to Consolidate and finds that the procedural schedules in Case No. PUR-2024-00032 and Case No. PUR-2024-00044 shall be combined for all purposes including discovery, prefilings testimony, and hearing dates – without the cases or case numbers being consolidated – to the extent practicable, as set forth herein.

The Commission further finds that these matters should be docketed; Dominion should give notice of its Applications to interested persons and the public; public hearings should be scheduled for the purpose of receiving testimony and evidence on the Applications as well as public witness testimony; interested persons should have an opportunity to file comments on the Applications or participate as a respondent in this proceeding; and Staff should be directed to investigate the Applications and file testimony and exhibits containing its findings and recommendations thereon. Finally, we find this matter should be assigned a Hearing Examiner to conduct all further proceedings on behalf of the Commission, including filing a final report containing the Hearing Examiner's findings and recommendations.

To promote administrative efficiency and timely service of filings upon participants, the Commission will, among other things, direct the electronic filing of testimony and pleadings

³⁰ *Id.*

³¹ *Id.*

unless they contain confidential information, and require electronic service on parties to this proceeding.

Accordingly, IT IS ORDERED THAT:

(1) The Company's Motion to Consolidate is granted as set forth herein.

(2) The Aspen Application is docketed and assigned Case No. PUR-2024-00032.

(3) The Apollo Application is docketed and assigned Case No. PUR-2024-00044.

(4) To the extent practicable, for all purposes including discovery, pre-filed testimony, and hearing dates, the procedural schedules in Case No. PUR-2024-00032 and Case No. PUR-2024-00044 shall be combined – without the cases or case numbers being consolidated – as set forth in this Order. All filings in these matters shall refer to Case Nos. PUR-2024-00032 and PUR-2024-00044.

(5) All pleadings, briefs, or other documents required to be served in this matter shall be submitted electronically to the extent authorized by Rule 5 VAC 5-20-150, *Copies and format*, of the Commission's Rules of Practice and Procedure ("Rules of Practice").³² Confidential and Extraordinarily Sensitive Information shall not be submitted electronically and should comply with 5 VAC 5-20-170, *Confidential information*, of the Rules of Practice. Any person seeking to hand deliver and physically file or submit any pleading or other document shall contact the Clerk's Office Document Control Center at (804) 371-9838 to arrange the delivery.

(6) Pursuant to 5 VAC 5-20-140, *Filing and service*, of the Rules of Practice, the Commission directs that service on parties and Staff in this matter shall be accomplished by electronic means. Concerning Confidential or Extraordinarily Sensitive Information, all parties and Staff are instructed to work together to agree upon the manner in which documents

³² 5 VAC 5-20-10 *et seq.*

containing such information shall be served upon one another, to the extent practicable, in an electronically protected manner, even if such information is unable to be filed in the Office of the Clerk, so that no party or Staff is impeded from preparing its case.

(7) As provided by § 12.1-31 of the Code and Rule 5 VAC 5-20-120, *Procedure before hearing examiners*, of the Rules of Practice, a Hearing Examiner is appointed to conduct all further proceedings in these matters on behalf of the Commission, including filing a final report containing the Hearing Examiner's findings and recommendations. A copy of each filing made with the Commission's Clerk's office in this matter shall also be sent electronically to the Office of the Hearing Examiners.³³

(8) The Commission hereby schedules a telephonic portion of the hearing for the receipt of testimony from public witnesses on the Applications, as follows:

- (a) The portion of the hearing for the receipt of testimony from public witnesses on the Applications shall be convened telephonically at 10 a.m., on August 6, 2024.
- (b) To promote fairness for all public witnesses, each witness will be allotted five minutes to provide testimony.
- (c) On or before July 31, 2024, any person desiring to offer testimony as a public witness shall provide to the Commission (a) your name, and (b) the telephone number that you wish the Commission to call during the hearing to receive your testimony. This information may be provided to the Commission in three ways: (i) by filling out a form on the Commission's website at scc.virginia.gov/pages/Webcasting; (ii) by completing and emailing the PDF version of this form to SCCInfo@scc.virginia.gov; or (iii) by calling (804) 371-9141.
- (d) Beginning at 10 a.m., on August 6, 2024, the Hearing Examiner appointed to this case will telephone sequentially each person who has signed up to testify, if any, as provided above.
- (e) This public witness hearing will be webcast at scc.virginia.gov/pages/Webcasting.

³³ Such electronic copies shall be sent to: OHEparalegals@scc.virginia.gov.

(9) The evidentiary portion of the hearing shall be convened at 10 a.m., on August 7, 2024, in the Commission's second floor courtroom located in the Tyler Building, 1300 East Main Street, Richmond, Virginia 23219, to receive the testimony and evidence of the Company, any respondents, and the Staff.

(10) An electronic copy of the Company's Applications may be obtained by submitting a written request to counsel for the Company: Vishwa B. Link, McGuireWoods LLP, 800 East Canal Street, Richmond Virginia, 23219, or vlink@mcguirewoods.com. Interested persons also may download unofficial copies from the Commission's website: scc.virginia.gov/pages/Case-Information.

(11) On or before May 8, 2024, the Company shall cause to be sent by first class mail a copy of the notice and sketch map prescribed in Ordering Paragraph (12) to all owners of property within the proposed and alternative routes of the Proposed Projects as of the date of this Order and as indicated on the map or sketch of the routes filed with the Commission, which requirement shall be satisfied by mailing to such persons at such addresses as are indicated in the land books maintained by the commissioner of revenue, director of finance, treasurer, or other officer of the county or municipality designated as provided by Code § 58.1-3100 *et seq.*

(12) On or before May 8, 2024, the Company shall cause the following notice and sketch map of the proposed and alternative routes of the Proposed Projects, as shown in Attachment V.A, Notice Map, on page 6 of the Motion to Consolidate, to be published as display advertising (not classified) on one (1) occasion in newspapers of general circulation in Loudoun County, Virginia:

NOTICE TO THE PUBLIC OF APPLICATIONS BY
 VIRGINIA ELECTRIC AND POWER COMPANY
 FOR APPROVAL AND CERTIFICATION OF ELECTRIC
 TRANSMISSION FACILITIES IN LOUDOUN COUNTY
 ASPEN-GOLDEN AND APOLLO-TWIN CREEKS PROJECTS
CASE NOS. PUR-2024-00032 AND PUR-2024-00044

On March 7, 2024, Virginia Electric and Power Company ("Dominion" or "Company") filed its application for approval and certification of electric transmission facilities for the 500-230 kilovolt ("kV") Aspen Substation, 500 kV Aspen-Goose Creek Line #5002 ("Aspen-Goose Creek Line"), 500 kV and 230 kV Aspen-Golden Lines #5001 and #2333 (the "Aspen-Golden Lines"), 500- 230 kV Golden Substation, and Lines #2081/#2150 Loop (collectively, the "Aspen-Golden Project" filed in Case No. PUR-2024-00032).

On March 27, 2024, the Company filed its application for approval and certification of electric transmission facilities for the 230 kV Apollo-Twin Creeks Lines and Twin Creeks, Sycolin Creek, Starlight, Lunar, and Apollo Substations (collectively, the "Apollo-Twin Creeks Project" filed in Case No. PUR-2024-00044) (collectively referred to as the "Applications").

As proposed, the approximately 9.4-mile Proposed Route of the Aspen-Golden Lines and the approximately 1.9-mile Proposed Route of the Apollo-Twin Creeks Lines will be collocated for approximately 0.9 mile and, therefore, the Aspen-Golden Project and the Apollo-Twin Creeks Project (collectively, the "Proposed Projects") have been consolidated for procedural and hearing schedule purposes only, including for purposes of this joint notice.

A map showing the overhead Proposed and Alternative Routes for Aspen-Golden Lines and the Apollo-Twin Creeks Lines is provided in Attachment V.A. Specifically, the map includes the following:

Aspen-Golden Project

- Proposed Route for the Aspen-Goose Creek Line
- Proposed Route (Route 1AA) for the Aspen-Golden Lines
- Alternative Route 1AB for the Aspen Golden Lines
- Alternative Route 1 BA for the Aspen Golden Lines
- Alternative Route IBB for the Aspen Golden Lines
- Proposed Route for the Lines #2081/#2150 Loop

Apollo-Twin Creeks Project

- Proposed Route of the Apollo-Twin Creeks Lines

The map provided in Attachment V.A also includes the location of the proposed Aspen and Golden Substations (Aspen-Golden Project) and the location of the proposed Twin Creeks, Sycolin Creek, Starlight, Lunar, and Apollo Substations (Apollo-Twin Creeks Project). Written descriptions of the Proposed Projects' routes are as follows.

ASPEN-GOLDEN PROJECT

Case No. PUR-2024-00032

Aspen-Goose Creek Line

Proposed Route

The Proposed Route of the Aspen-Goose Creek Line #5002 is approximately 0.2 mile in length. The route originates at the proposed Aspen Substation located between Crosstrail Boulevard and Cochran Mill Road. The route travels northwest for 0.1 mile and then northeast for 0.1 mile before terminating at the Company's existing 500 kV Goose Creek Substation.

The Proposed Route of the Aspen-Goose Creek Line will be constructed on existing right-of-way or Company-owned property with one single circuit 500 kV monopole structure with a minimum structure height of approximately 190 feet, a maximum structure height of approximately 190 feet, and an average structure height of approximately 190 feet, based on preliminary conceptual design, not including foundation reveal, and subject to change based on final engineering design.

Aspen-Golden Lines

Proposed Route (Route 1AA)

The Proposed Route (Route 1AA) of the Aspen-Golden Lines is approximately 9.4 miles in length. The route originates at the proposed Aspen Substation located between Crosstrail Boulevard and Cochran Mill Road. The route travels east, and at Cochran Mill Road the proposed Aspen-Golden Lines begin collocating with the Company's future Apollo-Twin Creeks Lines, which were filed by the Company for State Corporation Commission approval

on March 27, 2024, in Case No. PUR-2024-00044. The route then continues east for 0.5-mile crossing Goose Creek, and northeast for 0.4 mile, where collocation with the Apollo-Twin Creeks Lines ends on the east side of Goose Creek. The route continues east across Belmont Ridge Road, then follows the south side of State Route 7 ("Rt. 7") past Loudoun County Parkway before turning south between Loudoun County Parkway and Sully Road, and then crosses Russell Branch Parkway. The route continues southwest toward Loudoun County Parkway and turns south following Loudoun County Parkway to the Washington and Old Dominion Trail. The route then turns southeast, crossing Pacific Boulevard, before terminating at the proposed Golden Substation, located northwest of Sully Road and the Washington and Old Dominion Trail.

The Proposed Route of the Aspen-Golden Lines will be constructed on new 100- to 150-foot-wide right-of-way to support a 5-2 configuration on either double circuit three-pole or two-pole H-frame structures or double circuit two-pole or monopole structures with a minimum structure height of approximately 120 feet, a maximum structure height of approximately 196 feet, and an average structure height of approximately 171 feet, based on preliminary conceptual design, not including foundation reveal, and subject to change based on final engineering design.

Alternative Route 1AB

Alternative Route 1AB of the Aspen-Golden Lines is approximately 9.5 miles in length. The route originates at the proposed Aspen Substation located between Crosstrail Boulevard and Cochran Mill Road. The route travels east, and at Cochran Mill Road the proposed Aspen-Golden Lines begin collocating with the Company's future Apollo-Twin Creeks Lines, which were filed by the Company for State Corporation Commission approval on March 27, 2024, in Case No. PUR-2024-00044. The route then continues east for 0.5-mile crossing Goose Creek, and northeast for 0.4-mile, where collocation with the Apollo-Twin Creeks Lines ends on the east side of Goose Creek. The route continues east across Belmont Ridge Road, then follows the south side of Rt. 7 past Loudoun County Parkway before turning south between Loudoun County Parkway and Sully Road, and then crosses Russell Branch Parkway. The route continues southwest toward Loudoun County Parkway before turning back to the southwest where it follows an existing utility right-of-way adjacent to Broad Run, then turns south, crossing Broad Run, Gloucester Parkway, and Pacific Boulevard before terminating at the proposed Golden

Substation, located northwest of Sully Road and the Washington and Old Dominion Trail.

Alternative Route 1AB of the Aspen-Golden Lines will be constructed on new 100- to 150-foot-wide right-of-way to support a 5-2 configuration primarily on double circuit three-pole or two-pole H-frame structures with a minimum structure height of approximately 120 feet, a maximum structure height of approximately 195 feet, and an average structure height of approximately 171 feet, based on preliminary conceptual design, not including foundation reveal, and subject to change based on final engineering design.

Alternative Route 1BA

Alternative Route 1BA of the Aspen-Golden Lines is approximately 9.4 miles in length. The route originates at the proposed Aspen Substation located between Crosstrail Boulevard and Cochran Mill Road. The route travels east, and at Cochran Mill Road the proposed Aspen-Golden Lines begin collocating with the Company's future Apollo-Twin Creeks Lines, which were filed by the Company for State Corporation Commission approval on March 27, 2024, in Case No. PUR-2024-00044. The route then continues east for 0.5-mile crossing Goose Creek, and northeast for 0.4-mile, where collocation with the Apollo-Twin Creeks Lines ends on the east side of Goose Creek. The route continues east across Belmont Ridge Road, then follows the south side of Rt. 7, briefly crossing to the north side of Rt. 7 near Lansdowne Boulevard, then crossing back to the south side of Rt. 7 and continuing past Loudoun County Parkway before the turning south between Loudoun County Parkway and Sully Road, and then crosses Russell Branch Parkway. The route continues southwest toward Loudoun County Parkway and turns south following Loudoun County Parkway to where it intersects the Washington and Old Dominion Trail. The route then turns southeast, crossing Pacific Boulevard, before terminating at the proposed Golden Substation, located northwest of Sully Road and the Washington and Old Dominion Trail.

Alternative Route 1BA of the Aspen-Golden Lines will be constructed on new 100- to 150-foot-wide right-of-way to support a 5-2 configuration primarily on double circuit three-pole or two-pole H-frame structures with a minimum structure height of approximately 120 feet, a maximum structure height of approximately 196 feet, and an average structure height of approximately 170 feet, based on preliminary conceptual design,

not including foundation reveal, and subject to change based on final engineering design.

Alternative Route 1BB

Alternative Route 1BB of the Aspen-Golden Lines is approximately 9.4 miles in length. The route originates at the proposed Aspen Substation located between Crosstrail Boulevard and Cochran Mill Road. The route travels east, and at Cochran Mill Road the proposed Aspen-Golden Lines begin collocating with the Company's future Apollo-Twin Creeks Lines, which were filed by the Company for State Corporation Commission approval on March 27, 2024, in Case No. PUR-2024-00044. The route then continues east for 0.5-mile crossing Goose Creek, and northeast for 0.4-mile, where collocation with the Apollo-Twin Creeks Lines ends on the east side of Goose Creek. The route continues east across Belmont Ridge Road, then follows the south side of Rt. 7, briefly crossing to the north side of Rt. 7 near Lansdowne Boulevard, then crossing back to the south side of Rt. 7 and continuing past Loudoun County Parkway before the turning south between Loudoun County Parkway and Sully Road, and then crosses Russell Branch Parkway. The route continues southwest toward Loudoun County Parkway before turning back to the southwest where it follows an existing utility right-of-way adjacent to Broad Run, then turns south, crossing Broad Run, Gloucester Parkway, and Pacific Boulevard before terminating at the proposed Golden Substation, located northwest of Sully Road and the Washington and Old Dominion Trail.

Alternative Route 1BB of the Aspen-Golden Lines will be constructed on new 100- to 150-foot-wide right-of-way to support a 5-2 configuration primarily on double circuit three-pole or two-pole H-frame structures with a minimum structure height of approximately 120 feet, a maximum structure height of approximately 190 feet, and an average structure height of approximately 170 feet, based on preliminary conceptual design, not including foundation reveal, and subject to change based on final engineering design.

Lines #2081/#2150 Loop

Proposed Route

The Proposed Route of the Lines #2081/#2150 Loop is approximately 0.1-mile in length. The Line Loop cuts into the Company's existing Paragon Park-Sterling Park Line #2081 and

Paragon Park-Sterling Park Line #2150 right-of-way (along the Washington and Old Dominion Trail) and then crosses onto property to be acquired by the Company for the proposed Golden Substation.

The Proposed Route of the Lines #2081/#2150 Loop will be constructed on existing right-of-way or on property to be owned by the Company with four single circuit 230 kV monopole structures with a minimum structure height of approximately 105 feet, a maximum structure height of approximately 115 feet, and an average structure height of approximately 110 feet, based on preliminary conceptual design, not including foundation reveal, and subject to change based on final engineering design.

APOLLO-TWIN CREEKS PROJECT
Case No. PUR-2024-00044

Apollo-Twin Creeks Lines

Proposed Route

The Proposed Route of the Apollo-Twin Creeks Lines is approximately 1.9 miles in length. Beginning at the cut-in location at Structure #203/2 located east of Crosstrail Boulevard, the route travels approximately 0.4-mile southeast and crosses Cochran Mill Road. At this point, the proposed Apollo-Twin Creeks Lines begin collocating with the Company's future Aspen-Golden Lines, which were filed by the Company for State Corporation Commission approval on March 7, 2024, in Case No. PUR-2024-00032. The route then continues southeast for 0.5-mile, crosses Goose Creek, and turns northeast for 0.1-mile. The route continues northeast for 0.3-mile on the east side of Goose Creek, where collocation with the Aspen-Golden Lines ends south of the proposed Starlight Substation. The route then continues northeast for 0.6-mile, terminating at the proposed Apollo Substation, located south of Rt. 7 and west of Belmont Ridge Road.

The Proposed Route of the Apollo-Twin Creeks Lines will be constructed on new right-of-way primarily supported by double circuit dilled galvanized steel monopoles. For the Proposed Route, the minimum structure height is 85 feet, the maximum structure height is 135 feet, and the average structure height is 112 feet, based on preliminary conceptual design, not including foundation reveal, and subject to change based on final engineering design.

The Commission may consider routes not significantly different from the routes described in this notice without additional notice to the public.

The Commission entered an Order for Notice and Hearing in this proceeding that, among other things, scheduled a public hearing on Dominion's Applications. On August 6, 2024, at 10 a.m., the Hearing Examiner assigned will hold the telephonic portion of the hearing for the purpose of receiving the testimony of public witnesses. On or before July 31, 2024, any person desiring to offer testimony as a public witness shall provide to the Commission (a) your name, and (b) the telephone number that you wish the Commission to call during the hearing to receive your testimony. This information may be provided to the Commission in three ways: (i) by filling out a form on the Commission's website at scc.virginia.gov/pages/Webcasting; (ii) by completing and emailing the PDF version of this form to SCCInfo@scc.virginia.gov; or (iii) by calling (804) 371-9141. This public witness hearing will be webcast at scc.virginia.gov/pages/Webcasting.

On August 7, 2024, at 10 a.m. in the Commission's second floor courtroom located in the Tyler Building, 1300 East Main Street, Richmond, Virginia 23219, the Hearing Examiner will convene a hearing to receive testimony and evidence related to the Applications from the Company, any respondents, and the Commission's Staff.

To promote administrative efficiency and timely service of filings upon participants, the Commission has directed the electronic filing of testimony and pleadings, unless they contain confidential information, and has required electronic service on parties to this proceeding.

Electronic copies of the Applications and other supporting materials may be inspected at: www.dominionenergy.com/NOVA. An electronic copy of the Company's Application also may be obtained by submitting a written request to counsel for the Company: Vishwa B. Link, Esquire, McGuireWoods LLP, Gateway Plaza, 800 East Canal Street, Richmond, Virginia 23219, or vlink@mcguirewoods.com. Interested persons also may download unofficial copies of the Applications and other

documents filed in this case from the Commission's website:
scc.virginia.gov/pages/Case-Information.

On or before July 31, 2024, any interested person may submit comments on the Applications by following the instructions found on the Commission's website:
scc.virginia.gov/casecomments/Submit-Public-Comments. Those unable, as a practical matter, to submit comments electronically may file such comments with the Clerk of the State Corporation Commission c/o Document Control Center, P.O. Box 2118, Richmond, Virginia 23218-2118. All such comments shall refer to Case Nos. PUR-2024-00032 and PUR-2024-00044.

On or before June 18, 2024, any person or entity wishing to participate as a respondent in these proceedings may do so by filing a notice of participation at scc.virginia.gov/clk/efiling. Those unable, as a practical matter, to file a notice of participation electronically may file such notice by U.S. mail to the Clerk of the Commission at the address listed above. Such notice of participation shall include the email addresses of such parties or their counsel. The respondent simultaneously shall serve a copy of the notice of participation on counsel to the Company. Pursuant to 5 VAC 5-20-80 B, *Participation as a respondent*, of the Commission's Rules of Practice and Procedure ("Rules of Practice"), any notice of participation shall set forth: (i) a precise statement of the interest of the respondent; (ii) a statement of the specific action sought to the extent then known; and (iii) the factual and legal basis for the action. Any organization, corporation, or government body participating as a respondent must be represented by counsel as required by 5 VAC 5-20-30, *Counsel*, of the Rules of Practice. All filings shall refer Case Nos. PUR-2024-00032 and PUR-2024-00044.

On or before July 3, 2024, each respondent may file with the Clerk of the Commission, at scc.virginia.gov/clk/efiling, any testimony and exhibits by which the respondent expects to establish its case. Any respondent unable, as a practical matter, to file testimony and exhibits electronically may file such by U.S. mail to the Clerk of the Commission at the address listed above. Each witness's testimony shall include a summary not to exceed one page. All testimony and exhibits shall be served on the Commission's Staff, the Company, and all other respondents simultaneous with its filing. In all filings, respondents shall comply with the Commission's Rules of Practice, as modified herein, including, but not limited to: 5 VAC 5-20-140, *Filing and service*, and 5 VAC 5-20-240, *Prepared testimony and exhibits*.

All filings shall refer to Case Nos. PUR-2024-00032 and PUR-2024-00044.

Any documents filed in paper form with the Office of the Clerk of the Commission in this docket may use both sides of the paper. In all other respects, except as modified by the Commission's Order for Notice and Hearing, all filings shall comply fully with the requirements of 5 VAC 5-20-150, *Copies and format*, of the Commission's Rules of Practice.

The Company's Applications and other documents filed in this case, the Commission's Rules of Practice, and the Commission's Order for Notice and Hearing may be viewed on the Commission's website at: scc.virginia.gov/pages/Case-Information.

VIRGINIA ELECTRIC AND POWER COMPANY

(13) On or before May 8, 2024, the Company shall serve a copy of this Order for Notice and Hearing on the following local officials, to the extent the position exists, in each county, city, and town through which the Project is proposed to be built: the chairman of the board of supervisors of each county; the mayor or manager (or equivalent official) of every city and town; and the county, city, or town attorney. Service shall be made electronically where possible; if electronic service is not possible, service shall be made by either personal delivery or first-class mail to the customary place of business or residence of the person served.

(14) On or before May 24, 2024, the Company shall file proof of the notice and service required by Ordering Paragraphs (12) and (13), including the name, title, address, and electronic mail address (if applicable) of each official served, with the Clerk of the State Corporation Commission at scc.virginia.gov/clk/efiling.

(15) On or before May 24, 2024, the Company shall file with the Clerk of the Commission a certificate of the mailing of notice to owners of property prescribed by Ordering

Paragraph (11). The certificate shall not include the names and addresses of the owners of property served, but the Company shall maintain a record of such information.

(16) On or before July 31, 2024, any interested person may file comments on the Applications by following the instructions found on the Commission's website: scc.virginia.gov/casecomments/Submit-Public-Comments. Those unable, as a practical matter, to file comments electronically may file such comments by U.S. mail to the Clerk of the State Corporation Commission, c/o Document Control Center, P.O. Box 2118, Richmond, Virginia 23218-2118. All comments shall refer to Case Nos. PUR-2024-00032 and PUR-2024-00044.

(17) On or before June 18, 2024, any person or entity wishing to participate as a respondent in this proceeding may do so by filing a notice of participation at scc.virginia.gov/clk/efiling. Those unable, as a practical matter, to file a notice of participation electronically may file such notice by U.S. mail to the Clerk of the Commission at the address listed in Ordering Paragraph (16). Such notice of participation shall include the email addresses of such parties or their counsel. The respondent simultaneously shall serve a copy of the notice of participation on counsel to the Company. Pursuant to 5 VAC 5-20-80 B, *Participation as a respondent*, of the Commission's Rules of Practice, any notice of participation shall set forth: (i) a precise statement of the interest of the respondent; (ii) a statement of the specific action sought to the extent then known; and (iii) the factual and legal basis for the action. Any organization, corporation, or government body participating as a respondent must be represented by counsel as required by 5 VAC 5-20-30, *Counsel*, of the Rules of Practice. All filings shall refer to Case Nos. PUR-2024-00032 and PUR-2024-00044.

(18) Within five (5) business days of receipt of a notice of participation as a respondent, the Company shall serve a copy of the Applications on the respondent, unless these materials already have been provided to the respondent.

(19) On or before July 3, 2024, each respondent may file with the Clerk of the Commission at scc.virginia.gov/clk/efiling any testimony and exhibits by which the respondent expects to establish its case. Any respondent unable, as a practical matter, to file testimony and exhibits electronically may file such by U.S. mail to the Clerk of the Commission at the address listed in Ordering Paragraph (16). Each witness's testimony shall include a summary not to exceed one page. All testimony and exhibits shall be served on the Commission's Staff, the Company, and all other respondents simultaneous with its filing. In all filings, respondents shall comply with the Commission's Rules of Practice, as modified herein, including, but not limited to: 5 VAC 5-20-140, *Filing and service*, and 5 VAC 5-20-240, *Prepared testimony and exhibits*. All filings shall refer to Case Nos. PUR-2024-00032 and PUR-2024-00044.

(20) The Staff shall investigate the Applications. On or before July 10, 2024, the Staff shall file with the Clerk of the Commission its testimony and exhibits concerning the Applications, and each Staff witness's testimony shall include a summary not to exceed one page. A copy thereof shall be served on counsel to the Company and all respondents.

(21) On or before July 24, 2024, Dominion shall file with the Clerk of the Commission any rebuttal testimony and exhibits that it expects to offer, and each rebuttal witness's testimony shall include a summary not to exceed one page. The Company shall serve a copy of its rebuttal testimony and exhibits on the Staff, all respondents, and DEQ.

(22) Any documents filed in paper form with the Office of the Clerk of the Commission in this docket may use both sides of the paper. In all other respects, except as modified herein,

all filings shall comply fully with the requirements of 5 VAC 5-20-150, *Copies and format*, of the Commission's Rules of Practice.

(23) The Commission's Rule of Practice 5 VAC 5-20-260, *Interrogatories or requests for production of documents and things*, shall be modified for this proceeding as follows: responses and objections to written interrogatories and requests for production of documents shall be served within five (5) calendar days after receipt of the same. In addition to the service requirements of 5 VAC 5-20-260 of the Rules of Practice, on the day that copies are filed with the Clerk of the Commission, a copy of the interrogatory or request for production shall be served electronically on the party to whom the interrogatory or request for production is directed or the assigned Staff attorney, if the interrogatory or request for production is directed to the Staff.³⁴ Except as modified herein, discovery shall be in accordance with Part IV of the Commission's Rules of Practice, 5 VAC 5-20-240 *et seq.*

(24) Public comments received on either of the Applications shall be considered in both dockets.

(25) This matter is continued.

A COPY hereof shall be sent electronically by the Clerk of the Commission to all persons on the official Service List in this matter. The Service List is available from the Clerk of the Commission.

³⁴ The assigned Staff attorney is identified on the Commission's website, scc.virginia.gov/pages/Case-Information, by clicking "Docket Search," then clicking "Search by Case Information," and entering the appropriate case number, either PUR-2024-00032 or PUR-2024-00044, in the appropriate box.