

COMMONWEALTH OF VIRGINIA  
STATE CORPORATION COMMISSION

AT RICHMOND, JUNE 15, 2015

SCC-CLERK'S OFFICE  
DOCUMENT CONTROL CENTER

2015 JUN 15 P 1:05

APPLICATION OF

VIRGINIA ELECTRIC AND POWER COMPANY

CASE NO. PUE-2015-00054

For approval and certification of electric transmission facilities: Yardley Ridge 230 kV Double Circuit Transmission Line Loop and 230 kV Yardley Ridge Switching Station

ORDER FOR NOTICE AND HEARING

On May 20, 2015, Virginia Electric and Power Company ("Dominion Virginia Power" or "Company") filed with the State Corporation Commission ("Commission") an application ("Application") for a certificate of public convenience and necessity for the proposed Yardley Ridge 230 kilovolt ("kV") double circuit transmission line loop and 230 kV Yardley Ridge Switching Station. Dominion Virginia Power filed the Application pursuant to § 56-46.1 of the Code of Virginia ("Code") and the Utility Facilities Act, Code § 56-265.1 *et seq.*

According to the Application, the Company proposes to construct the new overhead 230 kV double circuit transmission line loop by tapping into existing 230 kV Brambleton-BECO Line #2137 approximately 0.4 mile west of where Line #2137 crosses Old Ox Road, and extending the new double circuit line approximately 0.4 mile ("Yardley Ridge Loop"), along new right-of-way, to a proposed 230 kV Yardley Ridge Switching Station ("Yardley Ridge Station") (Yardley Ridge Loop and Yardley Ridge Station, collectively "Project") to be constructed in Loudoun County.<sup>1</sup> The in-service date for the proposed Project is June of 2018.<sup>2</sup>

---

<sup>1</sup> Application at 2.

<sup>2</sup> *Id.*

15062 0202

According to the Application, the Project is necessary for Dominion Virginia Power to provide requested service to Northern Virginia Electric Cooperative ("NOVEC"), and to maintain reliable electric service to its customers in the area in accordance with mandatory North American Electric Reliability Corporation Reliability Standards for transmission facilities and the Company's planning criteria.<sup>3</sup> Specifically, the Company represents that on August 21, 2014, NOVEC submitted to the Company a delivery point request to serve a large data center campus in Loudoun County which, as updated on April 9, 2015, NOVEC projects will require up to 200 megawatts ("MW") loading by June 1, 2018.<sup>4</sup>

According to the Application, the Yardley Ridge Loop will be constructed on new 100-foot right-of-way.<sup>5</sup> Dominion Virginia Power states that no existing right-of-way is available and that it has proposed a Proposed Route, as well as an alternative route for the Commission's consideration.<sup>6</sup> The Application states that the Yardley Ridge Loop will be constructed using double circuit, single-shaft galvanized steel poles with three twin-bundled 795 ACSR 26/7 phase conductors.<sup>7</sup> The Company represents that a double circuit was selected because the load at the Yardley Ridge Station is projected to exceed 100 MW by summer 2018, and the Company's transmission planning criteria limit loading on a radial feed in excess of 100 MW without an alternate transmission supply.<sup>8</sup>

---

<sup>3</sup> *Id.*

<sup>4</sup> Direct Testimony of Mark R. Gill at 4.

<sup>5</sup> Application at 3.

<sup>6</sup> *Id.*

<sup>7</sup> *Id.* at 2.

<sup>8</sup> Direct Testimony of Mark R. Gill at 10.

In its Application, Dominion Virginia Power estimates that it will take 12 months to construct the proposed Project as well as 12 months for engineering, material procurement, and construction permitting for the proposed Project.<sup>9</sup> The Company estimates the cost of the proposed Project to be approximately \$13.2 million, of which approximately \$5.9 million is for transmission line construction and approximately \$7.4 million is for station work.<sup>10</sup>

As provided by § 62.1-44.15:21 D 2 of the Code, the Commission and the State Water Control Board ("Board") must 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 this Application, as is required by the Code and the Department of Environmental Quality - State Corporation Commission Memorandum of Agreement Regarding Consultation on Wetland Impacts ("Wetland Impacts Memorandum").<sup>11</sup> The Commission Staff ("Staff") has requested the Office of Wetlands & Stream Protection, Department of Environmental Quality, to provide a Wetland Impacts Consultation for the proposed Project.<sup>12</sup>

In addition to the consultation on wetlands, §§ 10.1-1186.2:1 B and 56-46.1 G of the Code direct the Commission and the DEQ to coordinate reviews of the environmental impact of proposed generating plants and associated facilities. Pursuant to the Code and the Department of Environmental Quality - State Corporation Commission Memorandum of Agreement Regarding

---

<sup>9</sup> Direct Testimony of Robert J. Shevenock II at 4.

<sup>10</sup> *Id* at 3; Direct Testimony of Santosh Bhattarai at 3.

<sup>11</sup> *In the matter of receiving comments on a draft memorandum of agreement between the State Water Control Board and the State Corporation Commission*, Case No. PUE-2003-00114, Order Distributing Memorandum of Agreement, 2003 S.C.C. Ann. Rept. 474 (July 30, 2003).

<sup>12</sup> Letter from Ashley B. Macko, Esquire, State Corporation Commission, dated May 27, 2015, to David L. Davis, Department of Environmental Quality, filed in Case No. PUE-2015-00054.

Coordination of Reviews of the Environmental Impacts of Proposed Electric Generating Plants and Associated Facilities ("Environmental Impact Memorandum"),<sup>13</sup> the Commission must receive and consider reports on the proposed facilities from state environmental agencies. Accordingly, the Staff has requested the DEQ to coordinate an environmental review of the proposed Project by the appropriate agencies and to provide a report on the review.<sup>14</sup>

NOW THE COMMISSION, upon consideration of the Application and applicable statutes, finds that this matter should be docketed and the Company should give notice of its Application to interested persons and the public. The Commission also finds that, as required by § 62.1-44.15:21 D 2 and related provisions of the Code and the Wetland Impacts Memorandum, Staff has requested the DEQ to commence its wetland impacts review. Moreover, Staff has requested the DEQ to commence its coordinated environmental review pursuant to §§ 10.1-1186.2:1 B and 56-46.1 G and related provisions of the Code and the Environmental Impact Memorandum. We also find that a procedural schedule should be established to allow any interested person an opportunity to file comments on the Application or to participate in this proceeding as a respondent; and the Staff should be directed to investigate the Application and file testimony and exhibits containing its findings and recommendations thereon. We further find that a public hearing should be scheduled for the purpose of receiving testimony and evidence on the Application. Finally, we find that this matter should be assigned to a Hearing Examiner to conduct all further proceedings in this matter on behalf of the Commission.

---

<sup>13</sup> *In the matter of receiving comments on a draft memorandum of agreement between the Department of Environmental Quality and the State Corporation Commission*, Case No. PUE-2002-00315, Order Distributing Memorandum of Agreement, 2002 S.C.C. Ann. Rept. 559 (Aug. 14, 2002).

<sup>14</sup> Letter from Ashley B. Macko, Esquire, State Corporation Commission, dated May 27, 2015, to Bettina Sullivan, Department of Environmental Quality, filed in Case No. PUE-2015-00054.

Accordingly, IT IS ORDERED THAT:

(1) This matter is docketed and assigned Case No. PUE-2015-00054.

(2) As provided by § 12.1-31 of the Code and 5 VAC 5-20-120, *Procedure before hearing examiners*, of the Commission's Rules of Practice and Procedure ("Rules of Practice"),<sup>15</sup> a Hearing Examiner is appointed to conduct all further proceedings in this matter on behalf of the Commission and to file a final report.

(3) A public evidentiary hearing on the Application shall be convened on November 10, 2015, at 10 a.m., in the Commission's courtroom, Second Floor, Tyler Building, 1300 East Main Street, Richmond, Virginia, to receive the testimony of public witnesses and the evidence of the Company, any respondents, and Staff. Any person desiring to offer testimony as a public witness at this evidentiary hearing should appear in the Commission's courtroom fifteen (15) minutes prior to the starting time of the hearing and identify himself or herself to the Commission's Bailiff.

(4) A copy of the Application may be obtained by submitting a written request to counsel for the Company, Charlotte P. McAfee, Esquire, Dominion Resources Services, Inc., 120 Tredegar Street, Richmond, Virginia 23219. If acceptable to the requesting party, the Company may provide the documents by electronic means. Copies of the public version of all documents also shall be available for interested persons to review in the Commission's Document Control Center, located on the first floor of the Tyler Building, 1300 East Main Street, Richmond, Virginia, between the hours of 8:15 a.m. and 5 p.m., Monday through Friday, excluding holidays. Interested persons also may download unofficial copies from the Commission's website: <http://www.scc.virginia.gov/case>.

---

<sup>15</sup> 5 VAC 5-20-10 *et seq.*

(5) On or before July 22, 2015, Dominion Virginia Power shall cause to be sent by first class mail a copy of the notice and sketch map prescribed in Ordering Paragraph (6) to all owners, as of the date of this Order, of property within the proposed and alternate routes for the proposed Project, 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 § 58.1-3100 *et seq.* of the Code.

(6) On or before July 22, 2015, Dominion Virginia Power shall publish in two (2) successive weeks the following notice and the sketch map of the proposed and alternate routes appearing in the Application Appendix at page 85 as display advertising (not classified) in a newspaper or newspapers of general circulation in every county or municipality through which the proposed Project is proposed to be built:

NOTICE TO THE PUBLIC OF  
AN APPLICATION BY VIRGINIA ELECTRIC AND POWER  
COMPANY FOR APPROVAL AND CERTIFICATION OF  
ELECTRIC TRANSMISSION FACILITIES: YARDLEY RIDGE  
230 kV DOUBLE CIRCUIT TRANSMISSION LINE LOOP AND  
230 kV YARDLEY RIDGE SUBSTATION  
CASE NO. PUE-2015-00054

On May 20, 2015, Virginia Electric and Power Company ("Dominion Virginia Power" or "Company") filed with the State Corporation Commission ("Commission") an application ("Application") for a certificate of public convenience and necessity for the proposed Yardley Ridge 230 kilovolt ("kV") double circuit transmission line loop and 230 kV Yardley Ridge Switching Station. Dominion Virginia Power filed the Application pursuant to § 56-46.1 of the Code of Virginia ("Code") and the Utility Facilities Act, Code § 56-265.1 *et seq.*

According to the Application, the Company proposes to construct the new overhead 230 kV double circuit transmission line loop by tapping into existing 230 kV Brambleton-BECO Line #2137 approximately 0.4 mile west of where Line #2137 crosses Old Ox Road, and extending the new double circuit line approximately 0.4 mile ("Yardley Ridge Loop"), along new right-of-way, to a proposed 230 kV Yardley Ridge Switching Station ("Yardley Ridge Station") (Yardley Ridge Loop and Yardley Ridge Station, collectively "Project") to be constructed in Loudoun County. The in-service date for the proposed Project is June of 2018.

According to the Application, the Project is necessary for Dominion Virginia Power to provide requested service to Northern Virginia Electric Cooperative ("NOVEC"), and to maintain reliable electric service to its customers in the area in accordance with mandatory North American Electric Reliability Corporation Reliability Standards for transmission facilities and the Company's planning criteria. Specifically, the Company represents that on August 21, 2014, NOVEC submitted to the Company a delivery point request to serve a large data center campus in Loudoun County which, as updated on April 9, 2015, NOVEC projects will require up to 200 megawatts ("MW") loading by June 1, 2018.

According to the Application, the Yardley Ridge Loop will be constructed on new 100-foot right-of-way. Because no existing right-of-way is available, Dominion Virginia Power proposes a Proposed Route, as well as an alternative route for the Commission's consideration. The Application states that the Yardley Ridge Loop will be constructed using double circuit, single-shaft galvanized steel poles with three twin-bundled 795 ACSR 26/7 phase conductors. The Company represents that a double circuit was selected because the load at the Yardley Ridge Station is projected to exceed 100 MW by summer 2018, and the Company's transmission planning criteria limit loading on a radial feed in excess of 100 MW without an alternate transmission supply.

In its Application, Dominion Virginia Power estimates that it will take 12 months to construct the proposed Project as well as 12 months for engineering, material procurement, and construction permitting for the proposed Project. The Company estimates the cost of the proposed Project to be approximately \$13.2 million, of which approximately \$5.9 million is for transmission line construction and approximately \$7.4 million is for station work.

## Transmission Line Routes for the Proposed Project

### Proposed Route

The Proposed Route commences at a tap point along the Brambleton-BECO Line #2137 transmission line, approximately 260 feet south of Broad Run and approximately 150 feet west of the planned Loudoun County Parkway extension. The Proposed Route angles to the southeast from the tap point for 360 feet to parallel the planned Loudoun County Parkway extension on the west side of the roadway. The Proposed Route continues south along the planned Loudoun County Parkway extension for approximately 1,200 feet, crossing the proposed location of Arcola Road. The Proposed Route continues southwest for approximately 430 feet crossing Arcola Road and enters the proposed Yardley Ridge Switching Station.

### Alternative Routes

The Alternate Route commences at a more western tap point along the Brambleton-BECO Line #2137 transmission line, approximately 740 feet north of the intersection of Trade West Drive and Weekly Court. The Alternate Route angles south from the tap-point for approximately 170 feet and then turns 90 degrees to the east for approximately 350 feet until reaching the eastern property boundary of the industrial park. The Alternate Route then turns slightly south and parallels the eastern property boundary of the industrial park. The Alternate Route continues for 1,320 feet and crosses Arcola Road before turning east. The Alternate Route continues east for approximately 1,000 feet before turning southwest for approximately 560 feet and entering the proposed Yardley Ridge Switching Station.

The Commission entered an Order for Notice and Hearing in this proceeding that, among other things, scheduled a public hearing on November 10, 2015, at 10 a.m., in the Commission's second floor courtroom located in the Tyler Building, 1300 East Main Street, Richmond, Virginia 23219, to receive testimony from members of the public and evidence related to the Application from the Company, any respondents, and the Commission's Staff. Any person desiring to testify as a public witness at this hearing should appear fifteen (15) minutes prior to the starting time of the hearing and contact the Commission's Bailiff.

Copies of the Application and documents filed in this case are available for interested persons to review in the Commission's Document Control Center, located on the first floor of the Tyler Building, 1300 East Main Street, Richmond, Virginia 23219, between the hours of 8:15 a.m. and 5 p.m., Monday through Friday, excluding holidays. Interested persons also may download unofficial copies from the Commission's website: <http://www.scc.virginia.gov/case>.

Copies of the Application and other supporting materials may also be inspected during regular business hours at the following locations:

Dominion Virginia Power  
Attn: Ben Saunders  
701 E. Cary Street, OJRP 12th Floor  
Richmond, Virginia 23219

Dominion Virginia Power  
Attn: Tim Sargeant  
Lincoln Park 2  
3072 Centerville Road  
Herndon, Virginia 20171

Loudoun County  
Planning Department  
Attn: Julie Pastor  
1 Harrison Street, S.E.  
Leesburg, VA 20175

Persons also may obtain a copy of the Application by submitting a written request to counsel for the Company, Charlotte P. McAfee, Dominion Resources Services, Inc., 120 Tredegar Street, Richmond, Virginia 23219. If acceptable to the requesting party, the Company may provide the documents by electronic means.

Any person or entity may participate as a respondent in this proceeding by filing, on or before August 18, 2015, a notice of participation. If not filed electronically, an original and fifteen (15) copies of the notice of participation shall be submitted to Joel H. Peck, Clerk, State Corporation Commission, c/o Document Control Center, P.O. Box 2118, Richmond, Virginia 23218-2118. A copy of the notice of participation as a respondent also must be sent to counsel for the Company at the address set forth above. Pursuant to Rule 5 VAC 5-20-80 B, *Participation as a respondent*,

of the Commission's Rules of Practice and Procedure, 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. All filings shall refer to Case No. PUE-2015-00054. For additional information about participation as a respondent, any person or entity should obtain a copy of the Commission's Order for Notice and Hearing.

On or before November 3, 2015, any interested person wishing to comment on the Application shall file written comments on the Application with the Clerk of the Commission at the address set forth above. Any interested person desiring to file comments electronically may do so on or before November 3, 2015, by following the instructions on the Commission's website: <http://www.scc.virginia.gov/case>. Compact discs or any other form of electronic storage medium may not be filed with the comments. All such comments shall refer to Case No. PUE-2015-00054.

The Commission's Rules of Practice and Procedure may be viewed at <http://www.scc.virginia.gov/case>. A printed copy of the Commission's Rules of Practice and Procedure and an official copy of the Commission's Order for Notice and Hearing in this proceeding may be obtained from the Clerk of the Commission at the address set forth above.

#### VIRGINIA ELECTRIC AND POWER COMPANY

(7) On or before July 22, 2015, Dominion Virginia Power shall serve a copy of this Order on the chairman of the board of supervisors or mayor of every county, city, and town through which the proposed Project is to be built. Dominion Virginia Power shall serve these persons by first class mail or delivery to the customary place of business of the person served.

(8) On or before August 5, 2015, the Company shall file proof of the notice and service required by Ordering Paragraphs (5), (6), and (7), including the name, title, and address of each official served with Joel H. Peck, Clerk, State Corporation Commission, c/o Document Control Center, First Floor, Tyler Building, 1300 East Main Street, Richmond, Virginia 23219.

(9) On or before November 3, 2015, any interested person may file written comments on the Application with the Clerk of the Commission at the address set forth in Ordering Paragraph (8). Any interested person desiring to submit comments electronically may do so on or before November 3, 2015, by following the instructions found on the Commission's website: <http://www.scc.virginia.gov/case>. Compact discs or any other form of electronic storage medium may not be filed with the comments. All comments shall refer to Case No. PUE-2015-00054.

(10) On or before August 18, 2015, any person or entity may participate as a respondent in this proceeding by filing a notice of participation. If not filed electronically, an original and fifteen (15) copies of the notice of participation shall be submitted to the Clerk of the Commission at the address set forth in Ordering Paragraph (8), and the respondent simultaneously shall serve a copy of the notice of participation on counsel to the Company at the address in Ordering Paragraph (4). Pursuant to Rule 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 No. PUE-2015-00054.

(11) Within five (5) business days of receipt of a notice of participation as a respondent, the Company shall serve upon each respondent a copy of this Order for Notice and Hearing, a copy of the Application, and all materials filed by the Company with the Commission, unless these materials have already been provided to the respondent.

(12) On or before September 15, 2015, each respondent may file with the Clerk of the Commission at the address set forth in Paragraph (8) and serve on the Staff, the Company, and all other respondents, any testimony and exhibits by which the respondent expects to establish its case, and each witness's testimony shall include a summary not to exceed one page. If not filed electronically, an original and fifteen (15) copies of such testimony and exhibits shall be submitted to the Clerk of the Commission. In all filings, the respondent shall comply with the Commission's Rules of Practice, including, but not limited to: 5 VAC 5-20-140, *Filing and service*; 5 VAC 5-20-150, *Copies and format*; and 5 VAC 5-20-240, *Prepared testimony and exhibits*. All filings shall refer to Case No. PUE-2015-00054.

(13) The Staff shall investigate the Application. On or before October 8, 2015, the Staff shall file with the Clerk of the Commission an original and fifteen (15) copies of testimony and exhibits, and each Staff witness's testimony shall include a summary not to exceed one page. The Staff shall serve a copy thereof on counsel to the Company and all respondents.

(14) On or before October 15, 2015, the Company may file with the Clerk of the Commission: (a) 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; and (b) a summary not to exceed one page of each direct witness's testimony if not previously included therewith, and simultaneously shall serve a copy on the Staff and all respondents. If not filed electronically, an original and fifteen (15) copies of such rebuttal testimony and exhibits shall be submitted to the Clerk of the Commission at the address set forth in Ordering Paragraph (8).

(15) 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 seven (7) business 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, or by facsimile, 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 Staff.<sup>16</sup> Except as modified above, discovery shall be in accordance with Part IV of the Commission's Rules of Practice, 5 VAC 5-20-240 *et seq.*

(16) This matter is continued.

AN ATTESTED COPY hereof shall be sent by the Clerk of the Commission to: Charlotte P. McAfee, Esquire, Dominion Resources Services, Inc., 120 Tredegar Street, Richmond, Virginia 23219; Kristian M. Dahl, Esquire, McGuireWoods LLP, One James Center, 901 East Cary Street, Richmond, Virginia 23219; and C. Meade Browder, Jr., Senior Assistant Attorney General, Office of the Attorney General, Division of Consumer Counsel, 900 East Main Street, Second Floor, Richmond, Virginia 23219; and a copy shall be delivered to the Commission's Office of General Counsel and Divisions of Energy Regulation and Utility Accounting and Finance.

---

<sup>16</sup> The assigned Staff attorney is identified on the Commission's website, <http://www.scc.virginia.gov/case>, by clicking "Docket Search" and entering the case number, PUE-2015-00054, in the appropriate box.