Bristers-Ladysmith

500 kV Transmission Line Rebuild Project

Spring 2020

Dominion Energy®

Outline

- Project Need
- Scope of Project
- Community Engagement
- Timeline

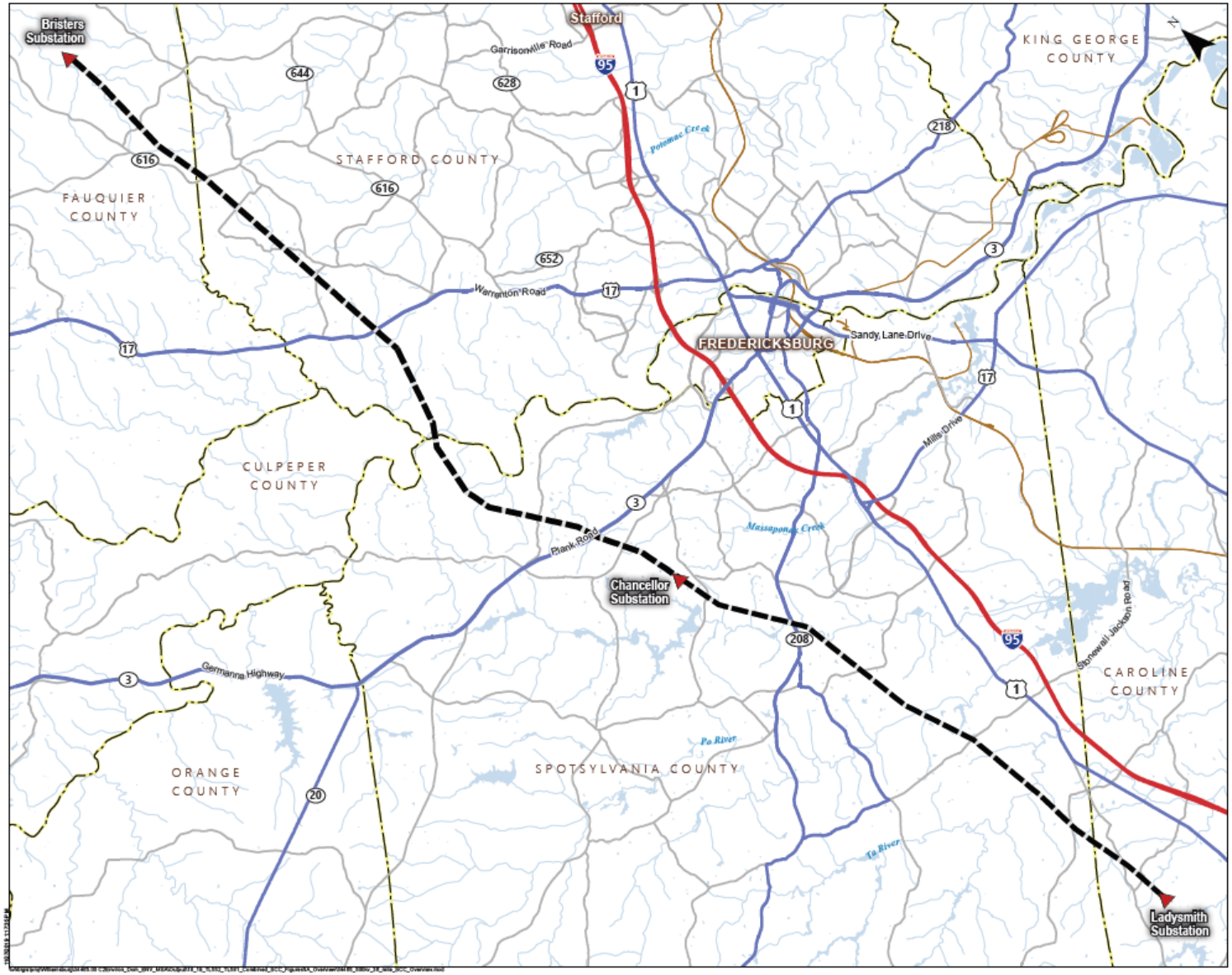


FIGURE 1.

Project Location Map

Bristers to Ladysmith 500 kV Rebuild

Fauquier, Stafford,Spotsylvania, and Caroline Counties, Virginia

Client:		
Dominion Energy Virginia		**DRAFT**
C2 Env Project:	Prepared By:	Date:
0073/0074	MKB	11/27/19

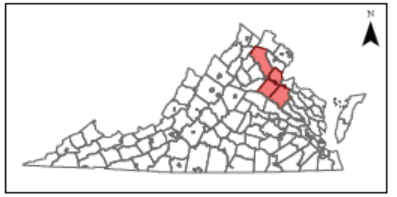
0 1.25 2.5 Miles

Scale is 1 In = 1.5 MI when printed at original size of 11x17

SITE DATA

- Existing Substations
- Existing Centerline
- County Boundary
- Limited Access Highway
- US and VA Primary Highways
- Local and Main Roads
- NHD Flowline
- NHD Waterbody

Notes:
1. Basemap Source: USGS The National Map/Oceans Map
2. Virginia Department of Transportation Road Centerline Data



vhb Dominion Energy C2 ENVIRONMENTAL

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Reliability Concerns & Drivers

Approximately 37 miles of 500 kilovolt (kV) transmission line between Bristers and Ladysmith substations have reached the end of their service life.

- Structures were originally installed in the 1960s
- Continued operation risks negatively impacting service reliability

Representative pictures of aging structures.

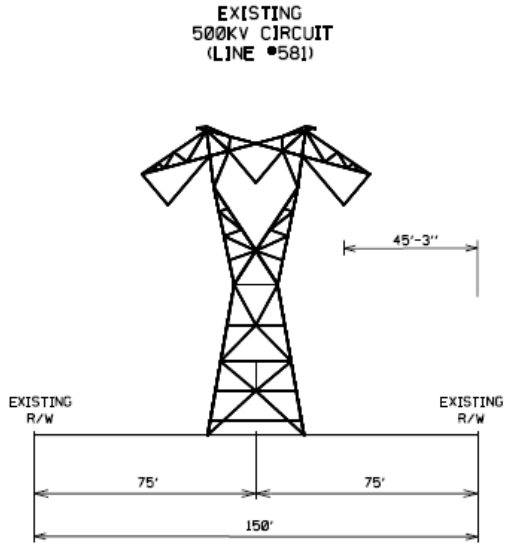
Proposed Solution

In order to maintain structural integrity and reliability, Dominion Energy is proposing to rebuild the transmission lines in an existing corridor stretching through Fauquier, Stafford, Spotsylvania and Caroline counties.

- Located entirely within existing right of way
- Replaces lattice weathering steel structures with galvanized steel structures
- Rebuilding to current industry standards
- Target completion date: **Bristers-Chancellor – Dec. 2022**
  Chancellor–Ladysmith – Dec. 2023

Typical Right-Of-Way Cross-Section

LADYSMITH - STRUCTURE #581/8



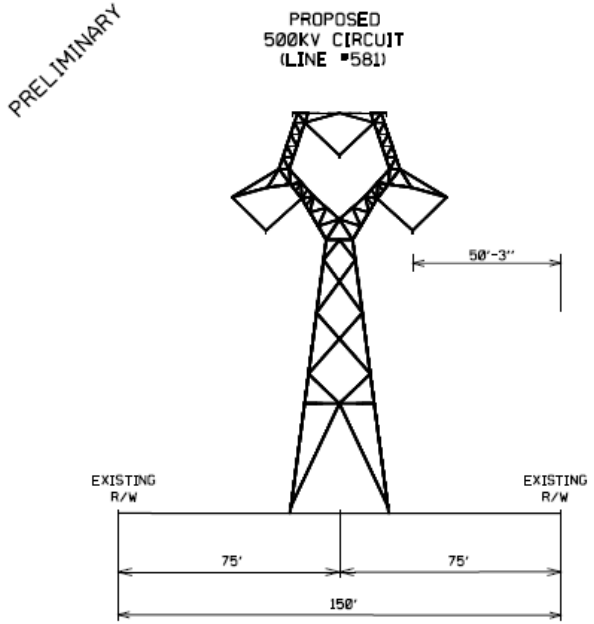
EXISTING CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD CHANCELLOR

NOTE:

1. Existing structure shown with approximate average height of 105' and does not include foundation reveal.
2. Approximate average height is measured from groundline at structure centerline.

$DONSPEC$

LADYSMITH - STRUCTURE #581/8



PROPOSED CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD CHANCELLOR

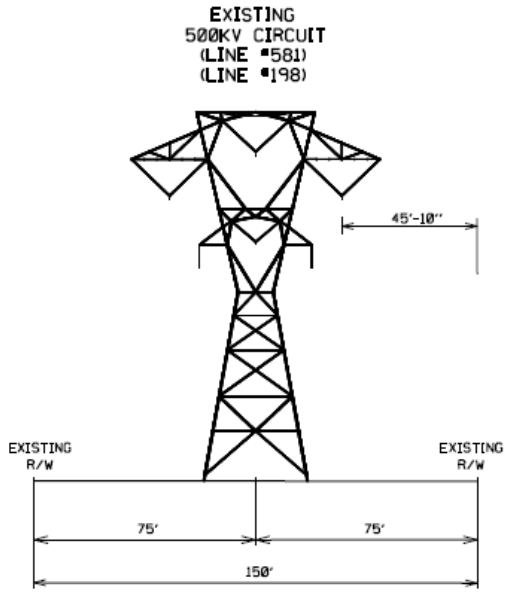
NOTE:

1. Proposed structure shown with approximate average height of 135' and does not include foundation reveal.
2. Approximate average height is measured from groundline at structure centerline.
3. Information contained on drawing is to be considered preliminary in nature and subject to change based on final design.

$DONSPEC$

Typical Right-Of-Way Cross-Section

STRUCTURE #581/7 - CHANCELLOR

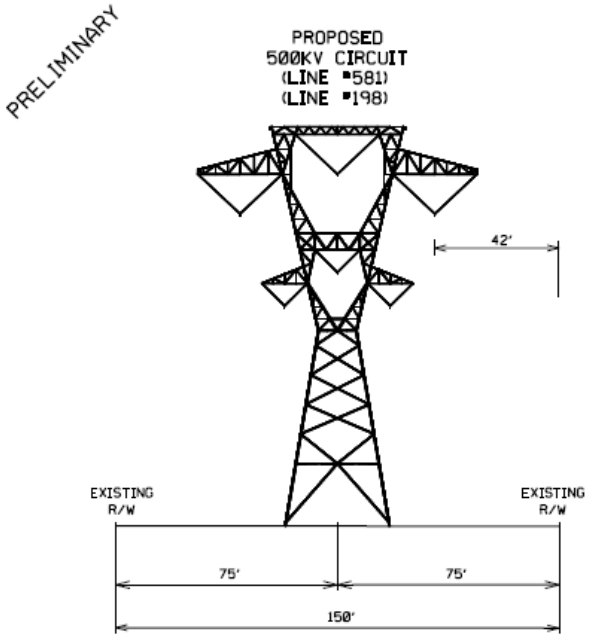


EXISTING CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD CHANCELLOR

NOTE:

1. Existing structure shown with approximate average height of 125' and does not include foundation reveal.
2. Approximate average height is measured from groundline at structure centerline.

STRUCTURE #581/7 - CHANCELLOR



PROPOSED CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD CHANCELLOR

NOTE:

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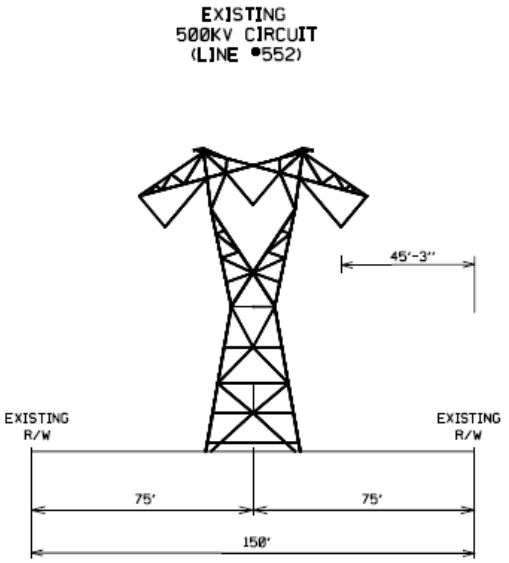
Typical Right-Of-Way Cross-Section

CHANCELLOR - STRUCTURE #552/169

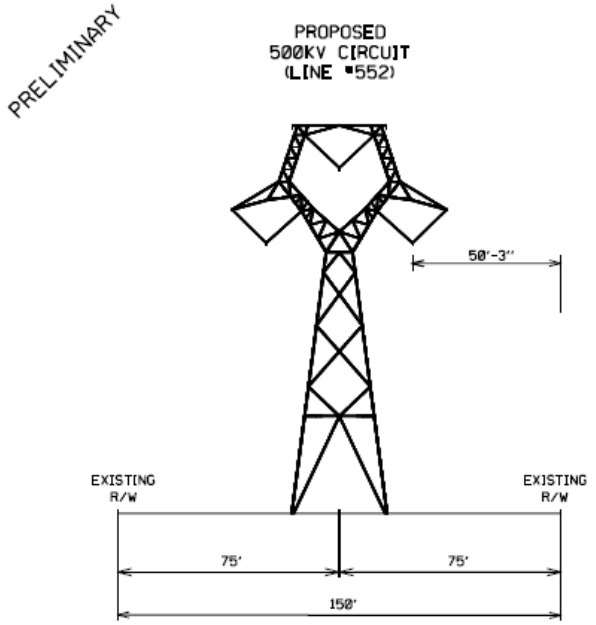


EXISTING CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD BRISTERS

NOTE:

1. Existing structure shown with approximate average height of 103' and does not include foundation reveal.
2. Approximate average height is measured from groundline at structure centerline.

CHANCELLOR - STRUCTURE #552/169



PROPOSED CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD BRISTERS

NOTE:

1. Proposed structure shown with approximate average height of 131' and does not include foundation reveal.
2. Approximate average height is measured from groundline at structure centerline.
3. Information contained on drawing is to be considered preliminary in nature and subject to change based on final design.

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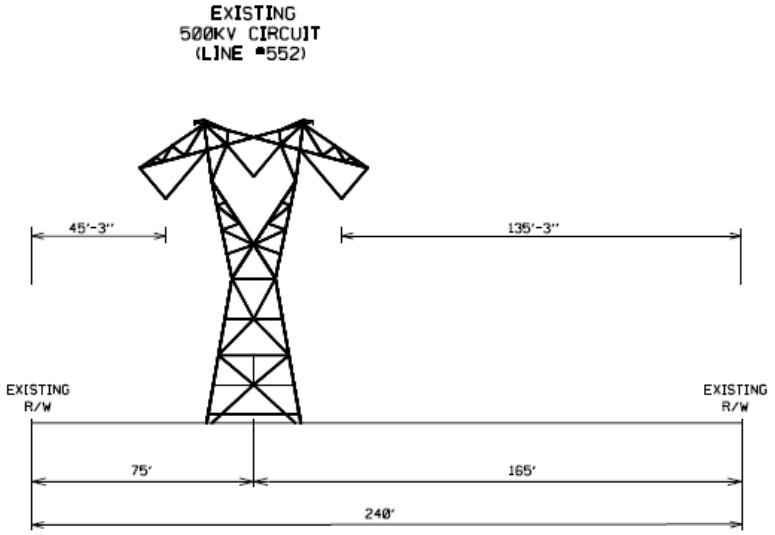
Typical Right-Of-Way Cross-Section

STRUCTURE #552/168 - BRISTERS



EXISTING CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD BRISTERS

NOTE:

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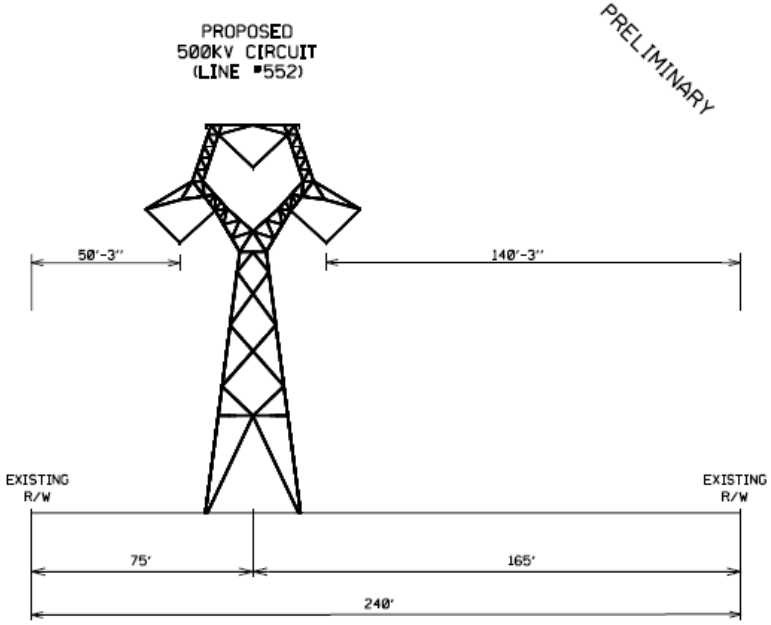
STRUCTURE #552/168 - BRISTERS

PRELIMINARY



PROPOSED CONFIGURATION
TYPICAL RIGHT OF WAY LOOKING TOWARD BRISTERS

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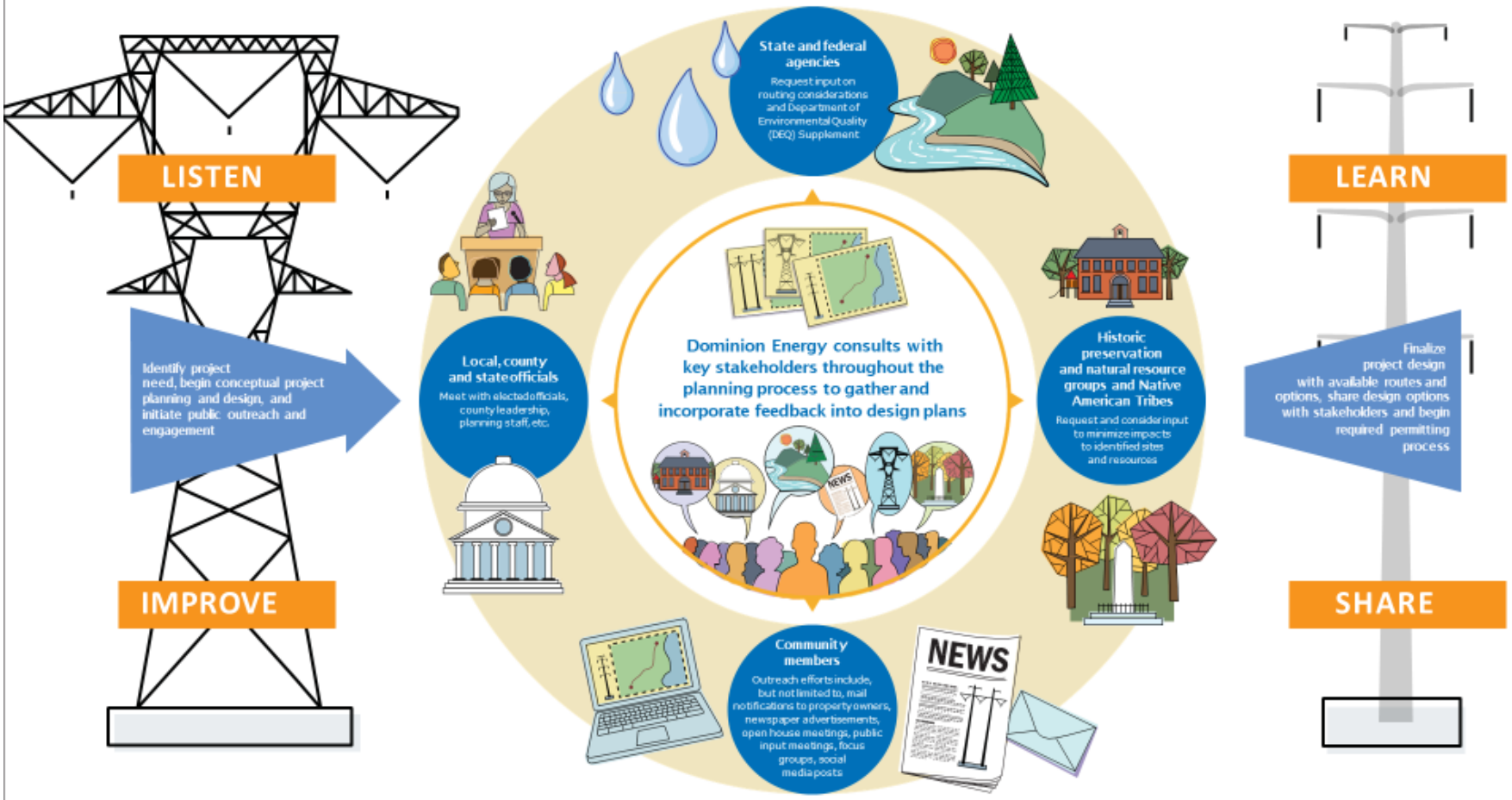
Electric Transmission Line Planning and Public Engagement Process



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Electric Transmission Line SCC Application Review Process

The Virginia State Corporation Commission (SCC) has regulatory authority over all energy providers in Virginia and requires certification for all transmission lines out of the ordinary course of doing business or are at or above 138 kilovolts (kV). Among other responsibilities, the SCC validates the need for a proposed line and approves the route and structures. In reviewing a proposed project, the SCC must consider whether potential impacts on scenic assets, historic districts and the environment have been reasonably minimized.

Dominion Energy notifies county and city officials of intent to file
Required pursuant Code of Virginia § 15.2-2202

Dominion Energy submits application to SCC
Includes full project details, including need, cost, routing options, potential impacts, etc.

Dominion Energy notifies electric cooperatives

SCC posts application for public review
Available at scc.virginia.gov

SCC issues procedural order
Case schedule is set; SCC invites public comments and formal participation in the case as a respondent

Department of Environmental Quality (DEQ) issues first report
Due within 60 days of application filing

SCC conducts public hearings
Held in selected areas near the project

DEQ issues coordinated comments
Summary of recommendations from multiple state resource agencies to minimize impacts and for compliance with legal requirements

Public comment period opens
Submitted online or via mail

Discovery begins
SCC Staff starts its review; SCC Staff, Dominion Energy and respondents may serve discovery

Interested parties can join case as respondents
Formal mechanism to join proceedings

Dominion Energy issues public notice
Notifies local officials, impacted landowners and the public

Respondents submit testimony

SCC Staff submits its report about the project

Dominion Energy submits rebuttal testimony
In response to DEQ summary, staff report and respondent testimony

Public comment period closes

SCC conducts formal evidentiary hearing
Testimony submitted and subject to cross examination by SCC Staff, Dominion Energy and respondents

SCC hearing examiner issues report of recommendation

Participants issue response
SCC Staff, Dominion Energy and respondents comment to hearing examiner's report

SCC issues final order
If approved, SCC issues a Certificate of Public Convenience and Necessity (CPCN) authorizing Dominion Energy to construct and operate the facilities

Dominion Energy pursues additional permits as needed
Local permits, U.S. Army Corps of Engineers, Federal Aviation Administration (FAA), etc.

Dominion Energy begins construction of facilities

Process could take as little as eight months to complete if uncontested, with more complex proceedings ranging from 12–24 months from start to finish

- Dominion Energy's Responsibility
- Public Involvement Touchpoints
- Procedural Steps
- Optional Step Determined by SCC

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Next Steps

Feb. – March 2020	• Meet with local elected officials • Project website launched; Dedicated email/phone open • Solicit input from cultural advocacy groups
Apr. 2020	• Community outreach continues
May 2020	• File Application with Virginia State Corporation Commission (SCC)
Q1 2021	• Requested date for SCC approval

Questions/Comments

Dedicated Project Page:
DominionEnergy.com/bristers

888-291-0190
Powerline@dominionenergy.com

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