

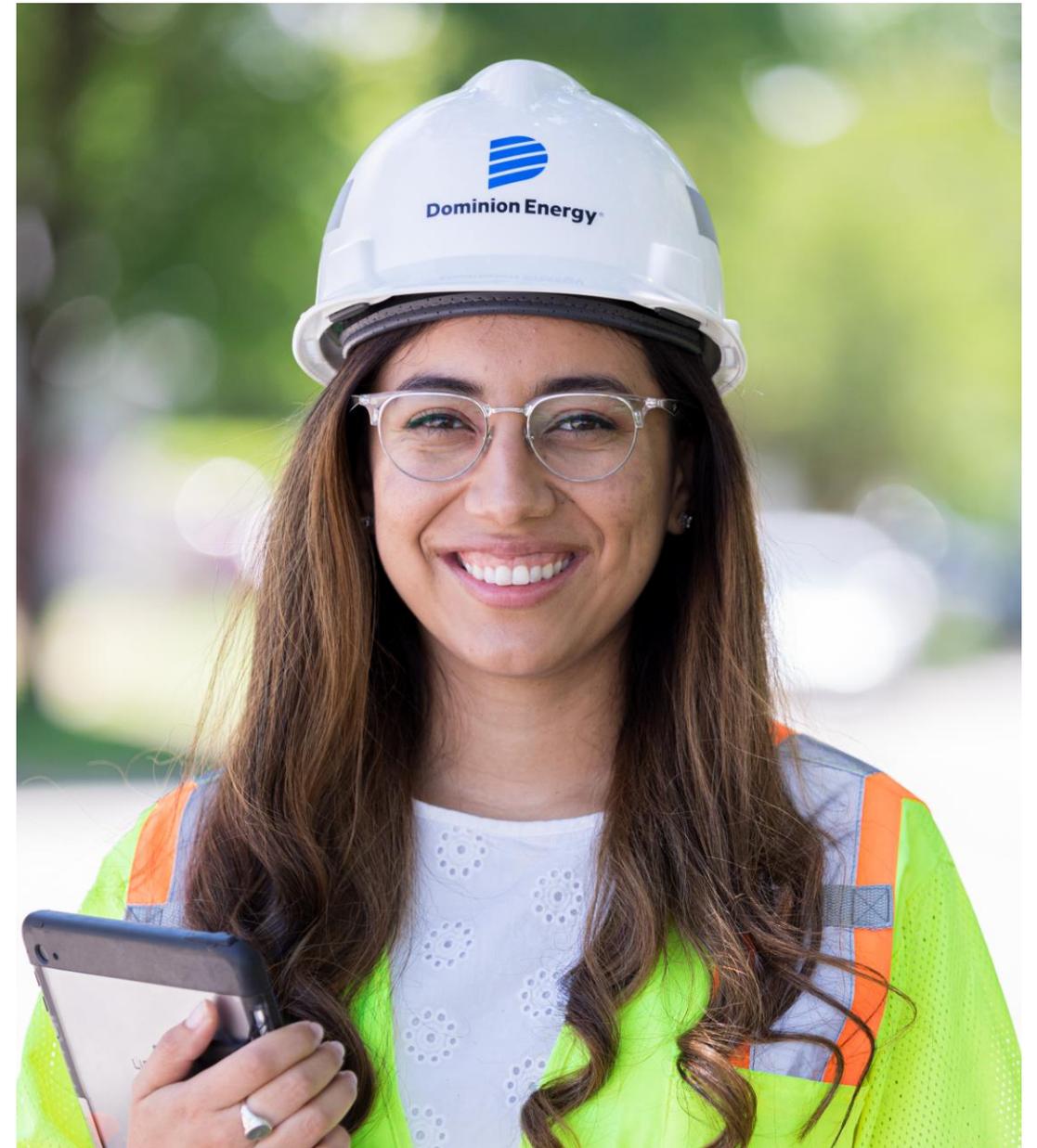
Meeting Virginia's Energy Needs

May 8, 2023

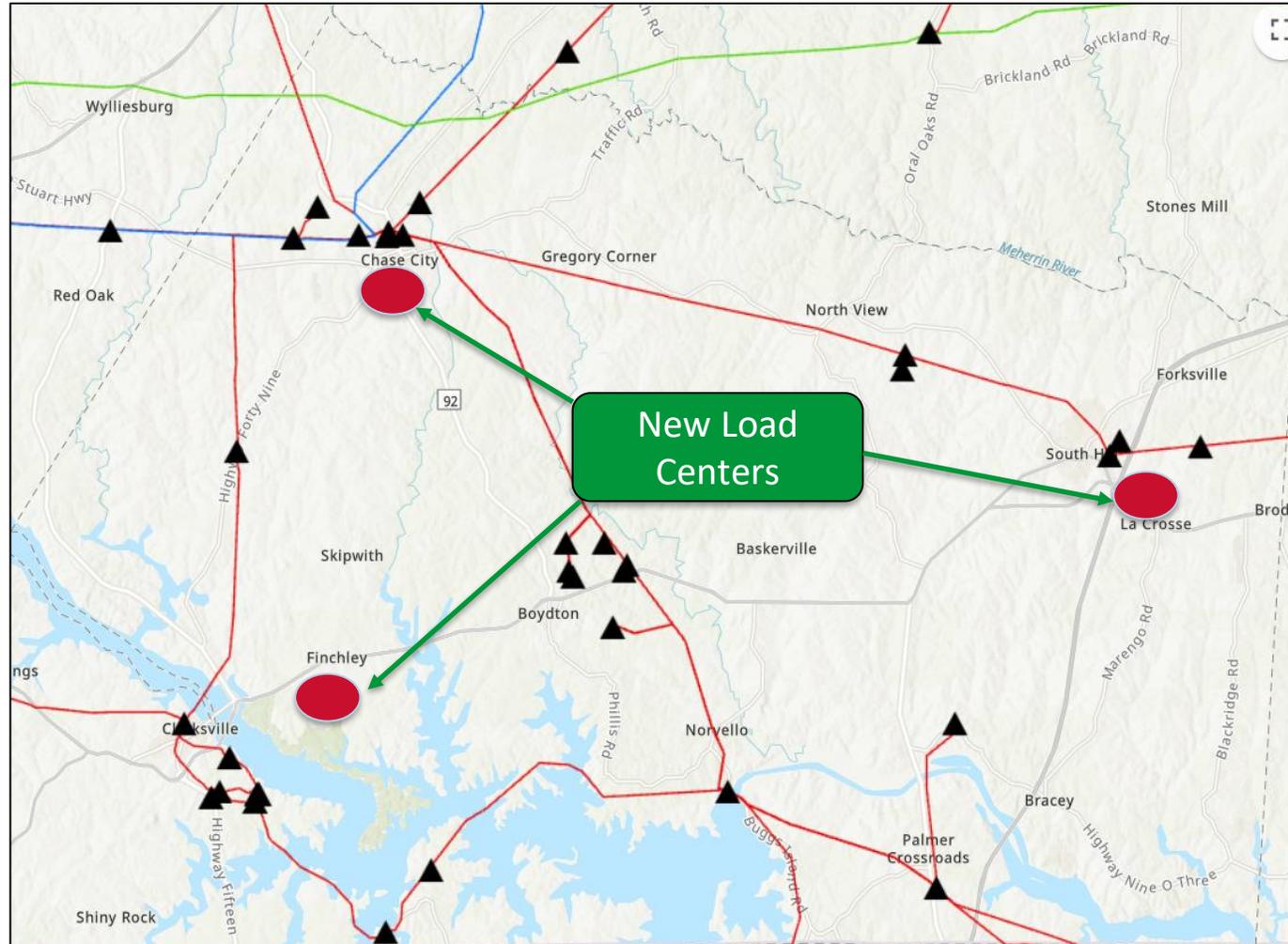


**Dominion
Energy®**

Actions Speak Louder



Current System



Southside Infrastructure Enhancements Overview



Foundational Principles

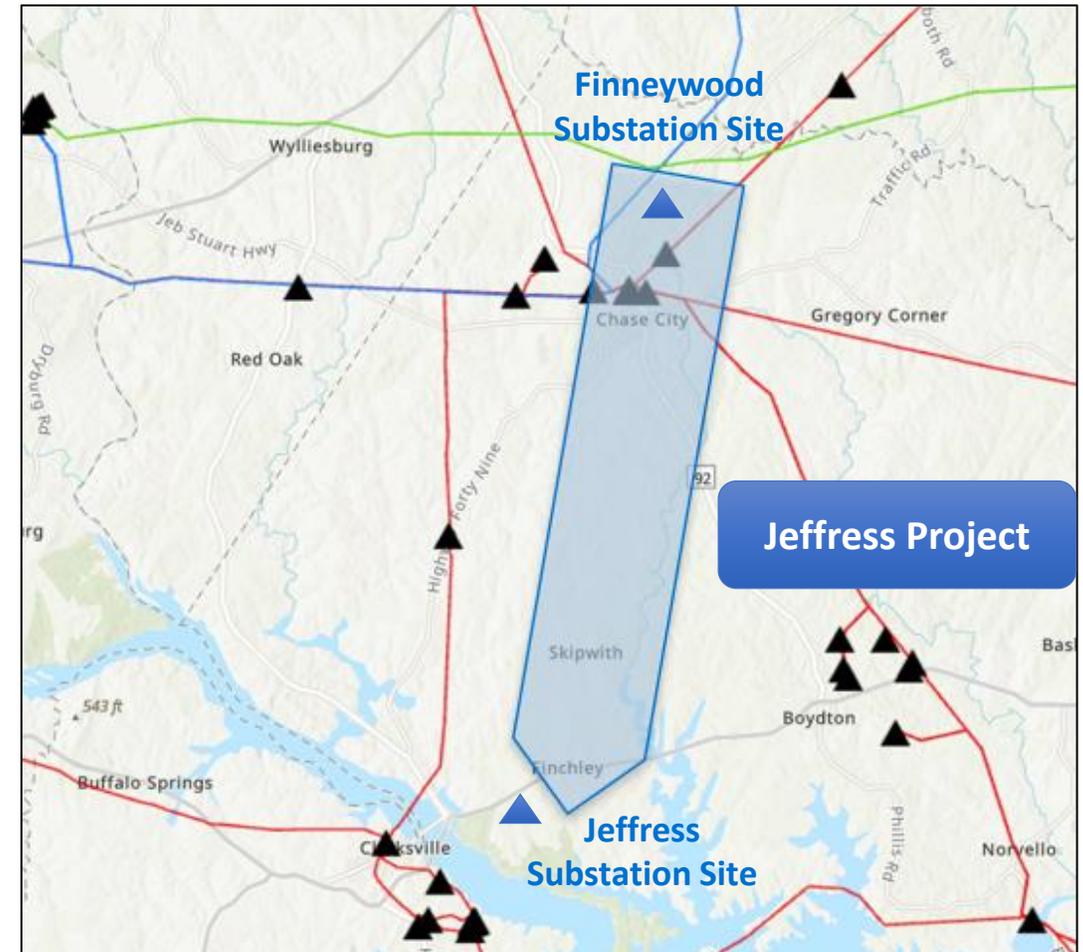
- Process always begins with review of existing rights of way
- Respect the land use of the property owners
- Co-locate with other infrastructure, where appropriate
- Stay close to property boundaries
- Minimize impact on private property, and environmental, historic, cultural and scenic resources



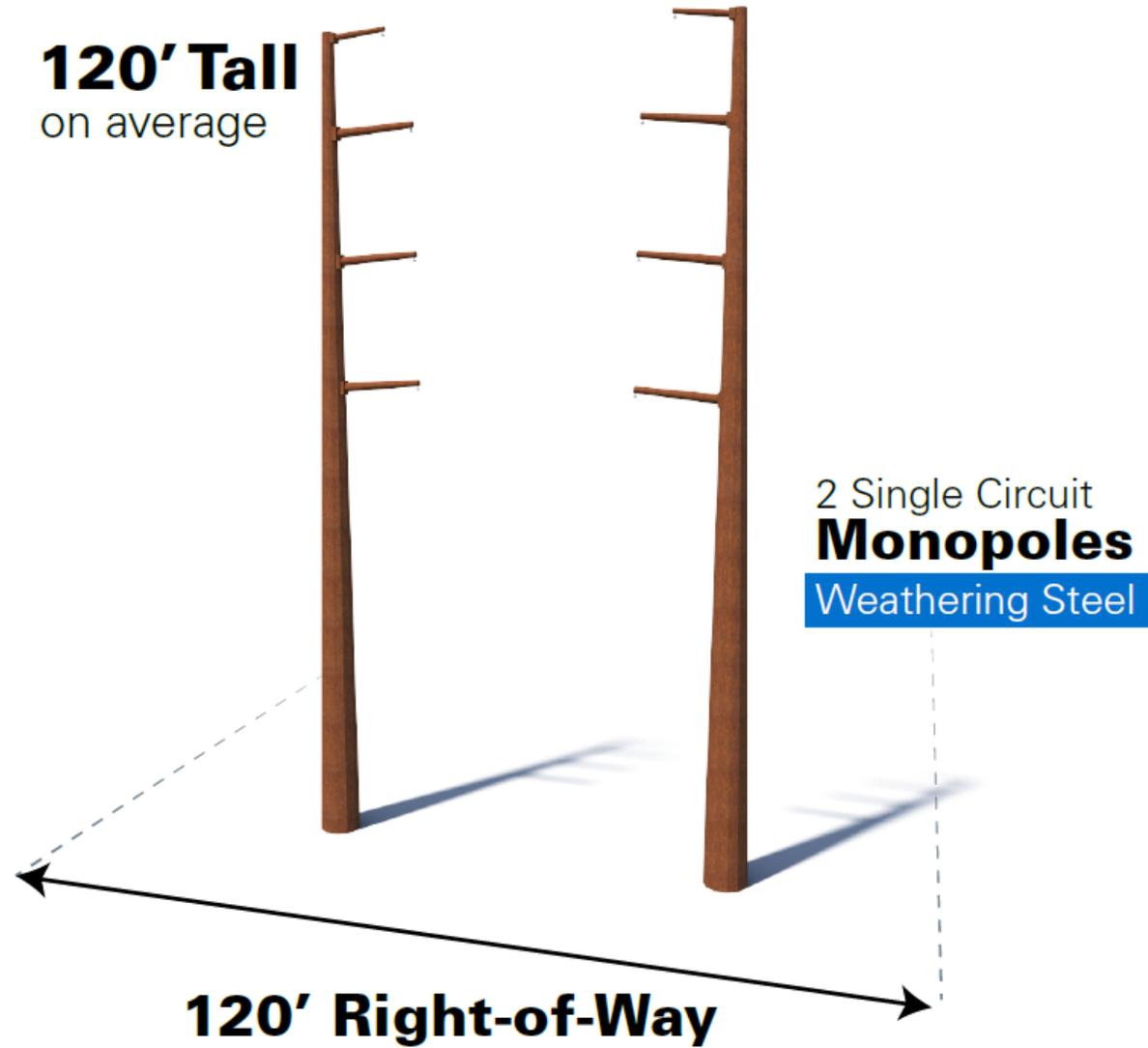
Jeffress Project

Mecklenburg County

- **Project Scope**
 - Build approximately 18-21 miles of two single-circuit 230 kV transmission lines paralleling one another on shared right of way from the Finneywood Substation Site to the Jeffress Substation Site
- **Right of way needs**
 - ~120 feet wide



Finneywood - Jeffress Typical Structures



Visualization is for discussion purposes only.
Final design is subject to change pending public, engineering, and regulatory review.

Finneywood - Jeffress

Aerial Rendering

Typical Structure:

120' - 2 Single Circuit
Monopoles

Right-of-Way Width:

120 Feet

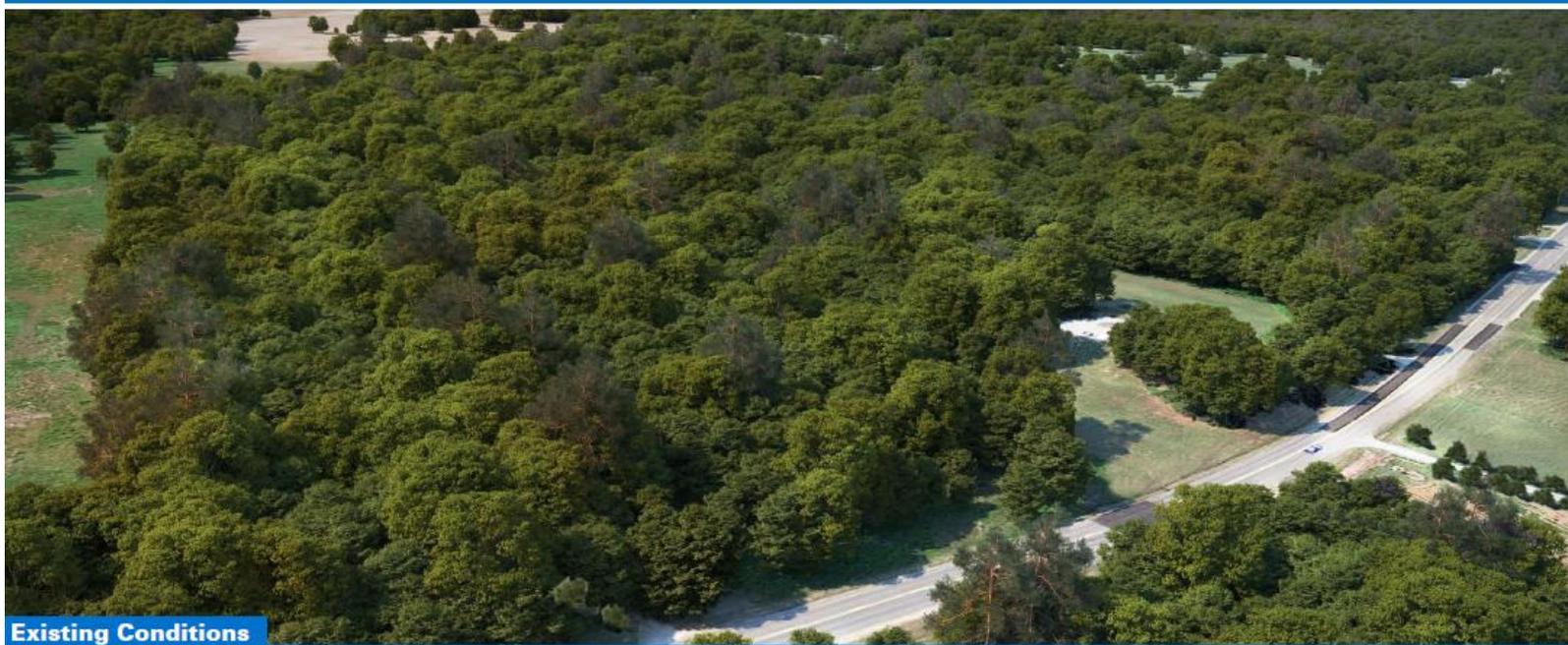
Structure Material:

Weathering Steel

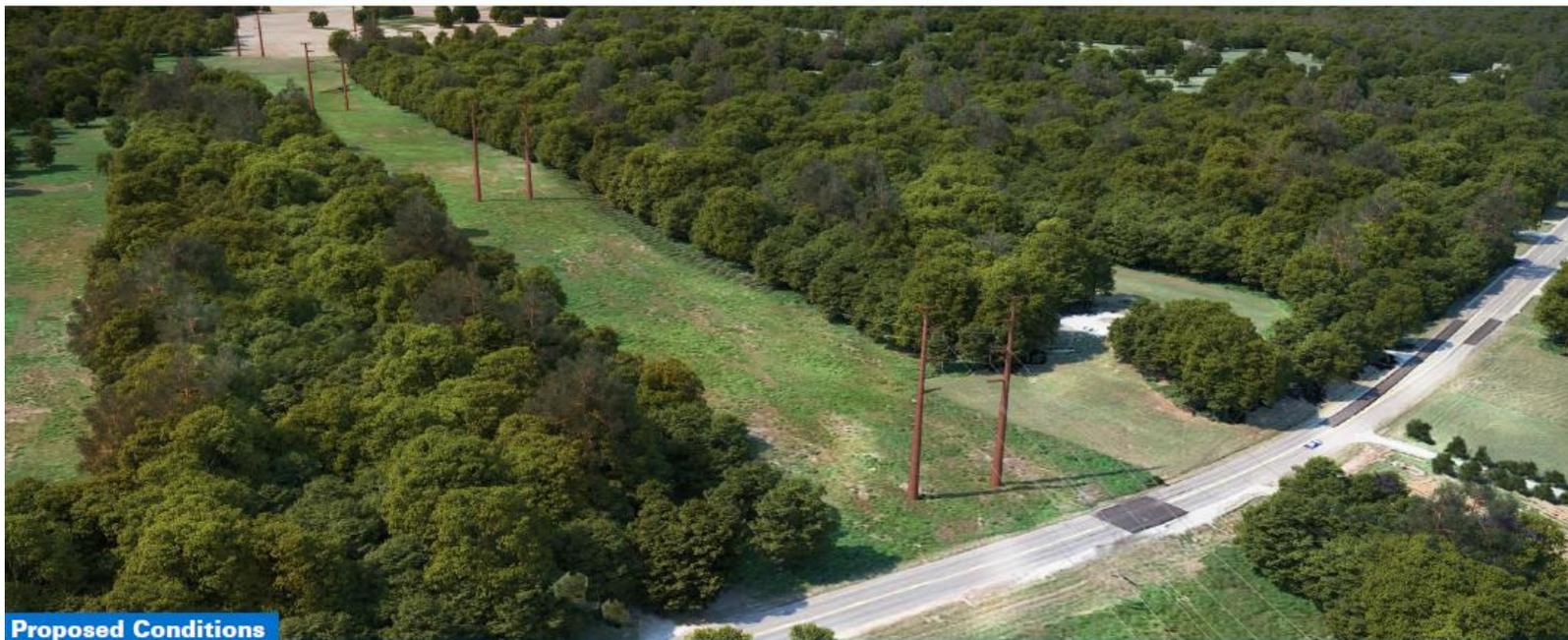
Viewing Direction:

Southeast

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Existing Conditions



Proposed Conditions

Route Options - Jeffress

Route options from the Finneywood Substation Site to the Jeffress Substation Site:

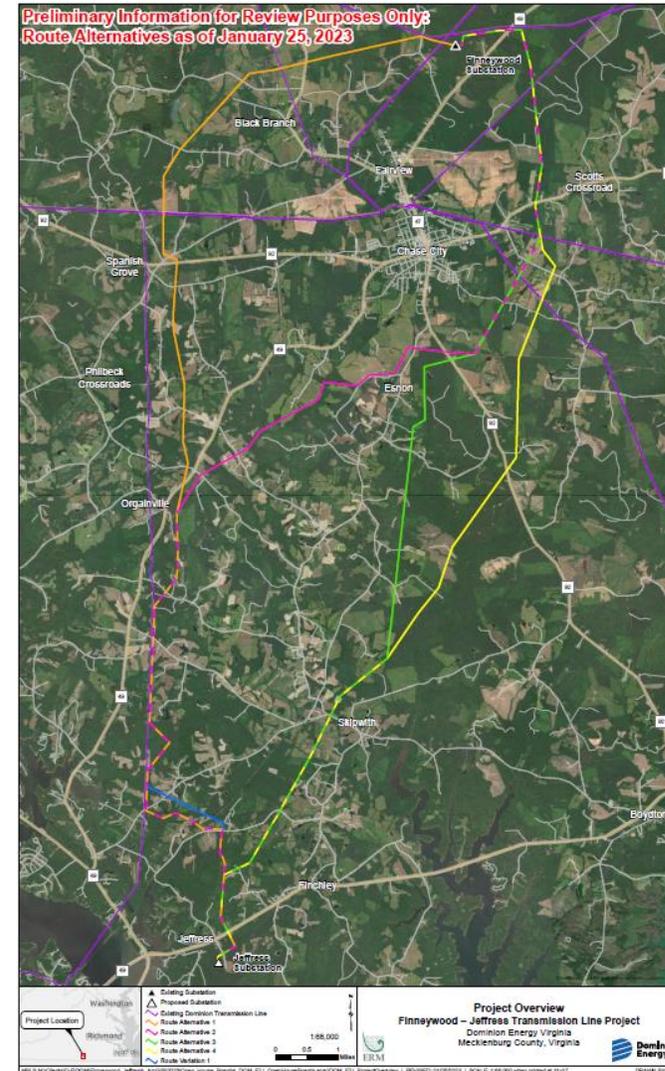
Finneywood-Jeffress Route Alternative 1 (orange)

Finneywood-Jeffress Route Alternative 2 (pink)

Finneywood-Jeffress Route Alternative 3 (green)

Finneywood-Jeffress Route Alternative 4 (yellow)

Finneywood-Jeffress Route Variation 1 (blue)



Community Meetings

Two in-person Community Meetings held in February 2023. The public was able to review routing options and speak with subject matter experts

- February 15 – ~100 attendees
- February 16 – ~30 attendees

Community concerns:

- Broadband, electromagnetic field (EMF), property value, impact of new right of way, aesthetics, disapproval of data centers, solar, volume of development

COMMUNITY MEETINGS

Wednesday
February 15, 2023
5 p.m. – 7 p.m.

Estes Community Center
316 N. Main Street • Chase City, VA 23924

(20-minute presentation begins at 5 p.m.)

Thursday
February 16, 2023
5 p.m. – 7 p.m.

Clarion Pointe on the Lake – Conference Room
103 Second Street • Clarksville, VA 23927

(20-minute presentation begins at 5 p.m.)



Updated Route Options



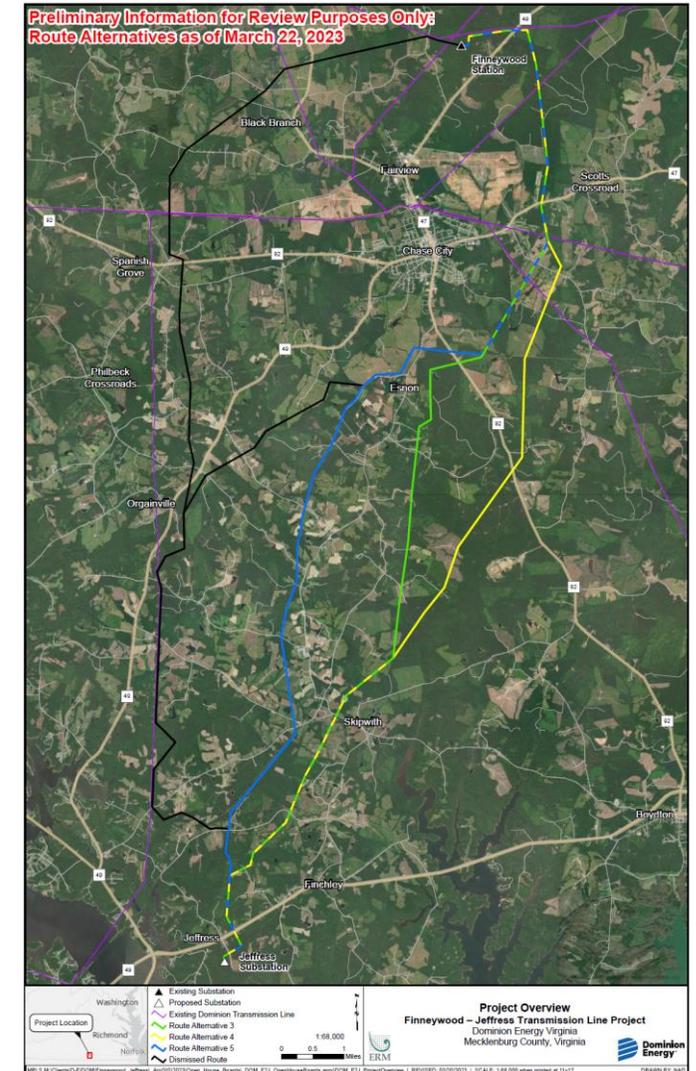
- Finneywood-Jeffress Route Alternative 1 (**black**) – Dismissed
- Finneywood-Jeffress Route Alternative 2 (**black**) – Dismissed
- Finneywood-Jeffress Route Alternative 3 (**green**)
- Finneywood-Jeffress Route Alternative 4 (**yellow**)
- Finneywood-Jeffress Route Alternative 5 (**blue**) - New

Reasons for dismissal of Route Alternative 1 & Route Alternative 5 include:

- Army Corps of Engineers owned land, community feedback, cost, length, planned development, proximity to residential homes, VOF restrictions

Reason for adding Route Alternative 5:

- Provide distinction from Route Alternative 3 and Route Alternative 4 as they share the same alignment for over 50% of their length



Community Meetings



- One in-person Community Meeting held in April 2023. Public input was received and incorporated into project planning:
 - ✓ Updated routes
 - ✓ Photo simulations
 - ✓ April 6 – ~50 attendees
- Community concerns: Broadband, electromagnetic field (EMF), property value, impact of new right of way, aesthetics, disapproval of data centers, solar, volume of development
- For questions throughout the project, email powerline@dominionenergy.com or call **888-291-0190**
- For more information and to access GeoVoice, visit: DominionEnergy.com/jeffress
 - ✓ Structure and aerial renderings
 - ✓ Photo simulations
 - ✓ Presentation recordings

April 6, 2023
5 – 7 p.m.
Estes Community Center
316 N. Main Street
Chase City, VA 23924



FINNEYWOOD TO JEFFRESS

Transmission Line Project

Viewpoint 1

Date: 04/28/2022 Time: 2:23 pm Viewing Direction: Northeast

- 1 Viewpoint Location
- Route Alternative 3
- Route Alternative 4
- Route Alternative 5

Note: At this location all three routes share the same alignment.



EXISTING CONDITIONS



PROPOSED CONDITIONS

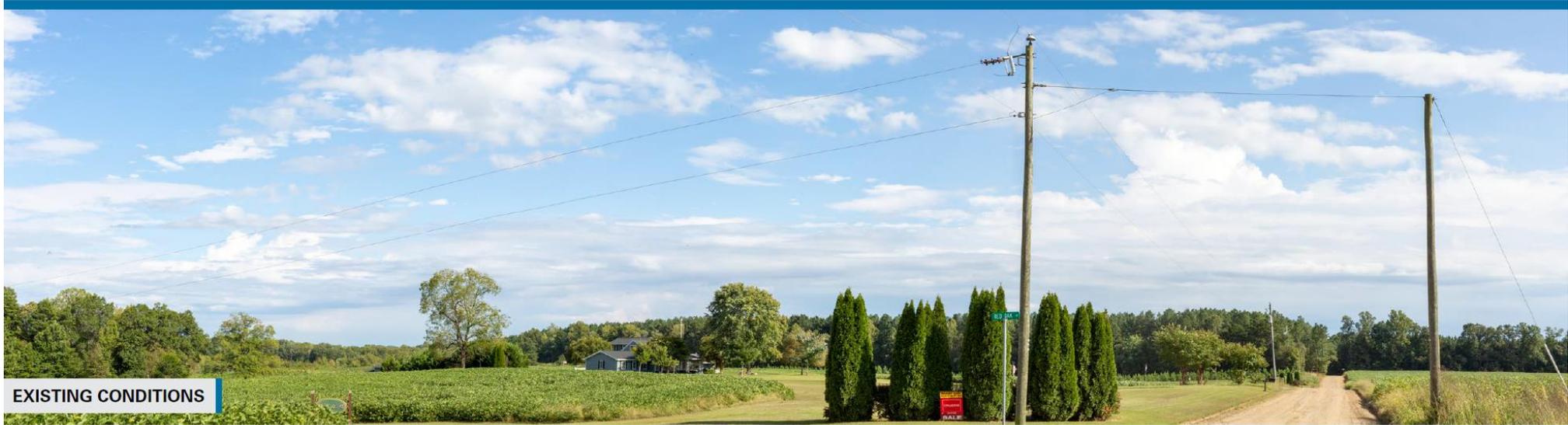
Simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

FINNEYWOOD TO JEFFRESS

Transmission Line Project

Viewpoint 5

Date: 09/22/2022 Time: 3:09 pm Viewing Direction: Southeast
5 Viewpoint Location — Route Alternative 3



EXISTING CONDITIONS



PROPOSED CONDITIONS

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FINNEYWOOD TO JEFFRESS

Transmission Line Project

Viewpoint 6

Date: 09/22/2022 Time: 1:08 pm Viewing Direction: East

Viewpoint Location Route Alternative 3 Route Alternative 4

Note: At this location two routes share the same alignment.



EXISTING CONDITIONS



PROPOSED CONDITIONS

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FINNEYWOOD TO JEFFRESS

Transmission Line Project

GROUND RENDERING 1

Typical Structure:
120' - 2 Single Circuit Monopoles

Right-of-Way Width:
120 Feet

Structure Material:
Weathering Steel

Viewing Direction:
Northwest



EXISTING CONDITIONS



PROPOSED CONDITIONS



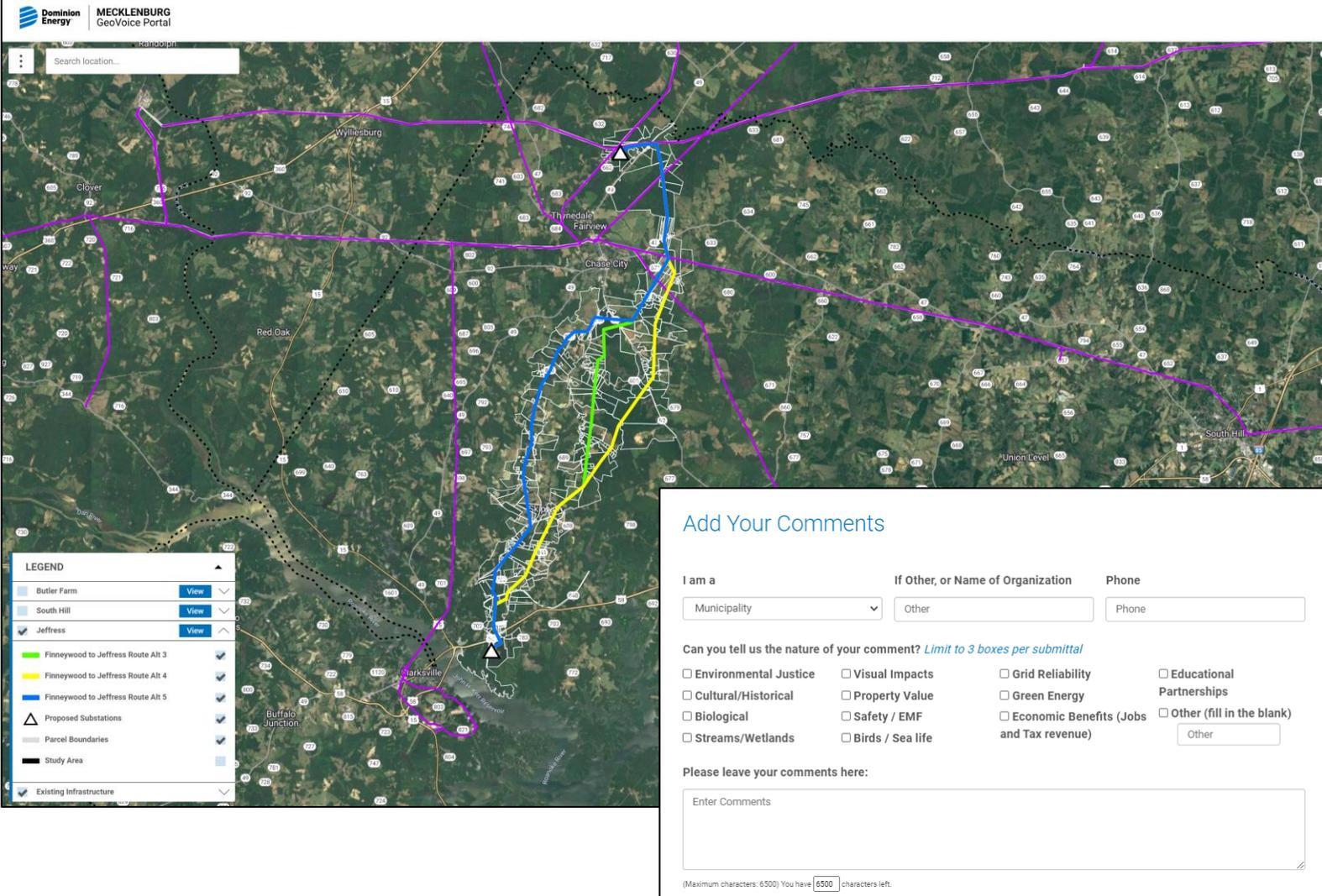
1 Viewpoint Location — Route Alternative 5

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DominionEnergy.com/jeffress

- Interactive mapping tool
- Review the study areas
- Add comments, provide input or share insight on the location of important personal concerns or natural and historical resources
- Evolves as routing options become available and are refined
- Track project development



The screenshot displays the Dominion Energy GeoVoice Portal for Mecklenburg County. The main map shows the Jeffress area with several routing options highlighted in different colors: Butler Farm (light blue), South Hill (medium blue), and three alternatives for the Finneywood to Jeffress route (green, yellow, and blue). A legend in the bottom-left corner provides details for these options, including 'Proposed Substations', 'Parcel Boundaries', 'Study Area', and 'Existing Infrastructure'. A search bar is located at the top left of the map area. On the right side, there is a 'Add Your Comments' form. This form includes fields for 'I am a' (with a dropdown menu), 'If Other, or Name of Organization', and 'Phone'. Below these are checkboxes for various comment categories: Environmental Justice, Cultural/Historical, Biological, Streams/Wetlands, Visual Impacts, Property Value, Safety / EMF, Birds / Sea life, Grid Reliability, Green Energy, Economic Benefits (Jobs and Tax revenue), Educational Partnerships, and Other (fill in the blank). A text area for 'Enter Comments' is provided at the bottom of the form, with a character count indicating a maximum of 6500 characters.

- **Virginia State Corporation Commission (SCC):** Certificate of Public Convenience and Necessity
 - Alternatives Analysis
 - Routing Study
 - Department of Environmental Quality Supplement and coordinated review
- **U.S. Army Corps of Engineers**
- **Other Agency Review**
 - Department of Environmental Quality (DEQ)
 - Virginia Department of Historic Resources (VDHR)
 - Virginia Department of Transportation (VDOT)
 - Virginia Marine Resources Commission (VMRC)
- **Local Permitting Requirements**
 - Jeffress Substation on Data Center property

Transmission Line Planning and Public Engagement Process

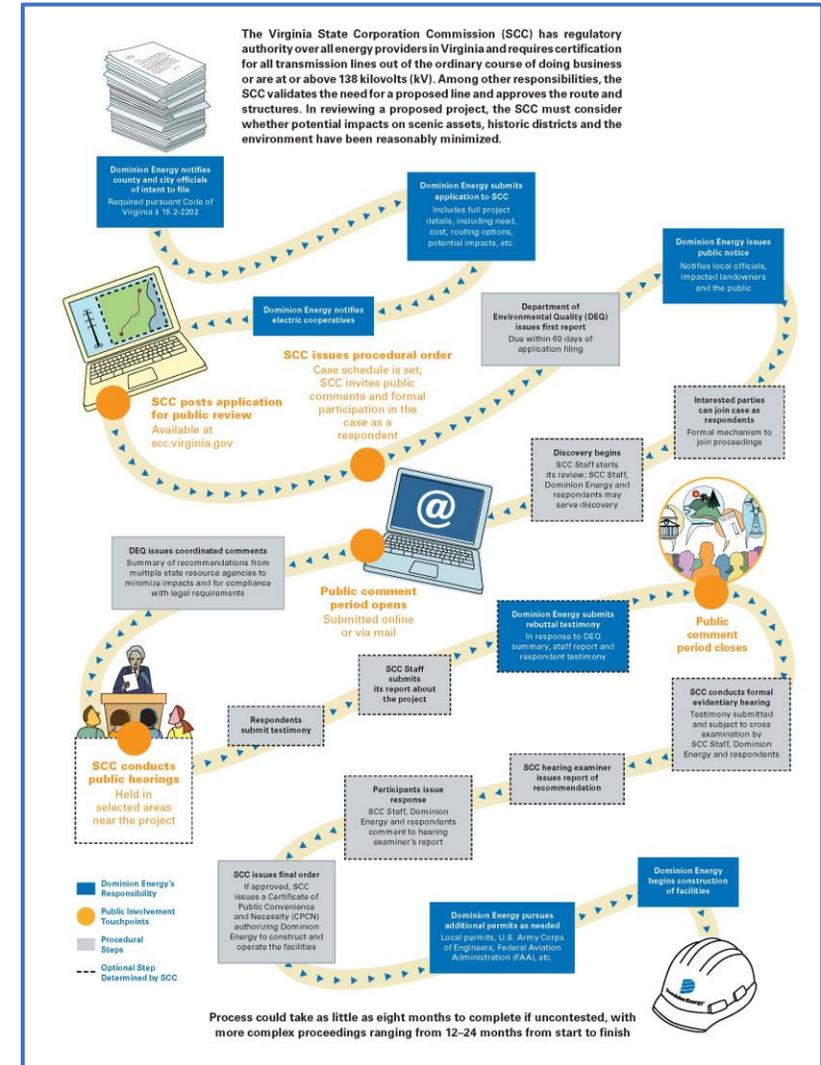
SCC Application

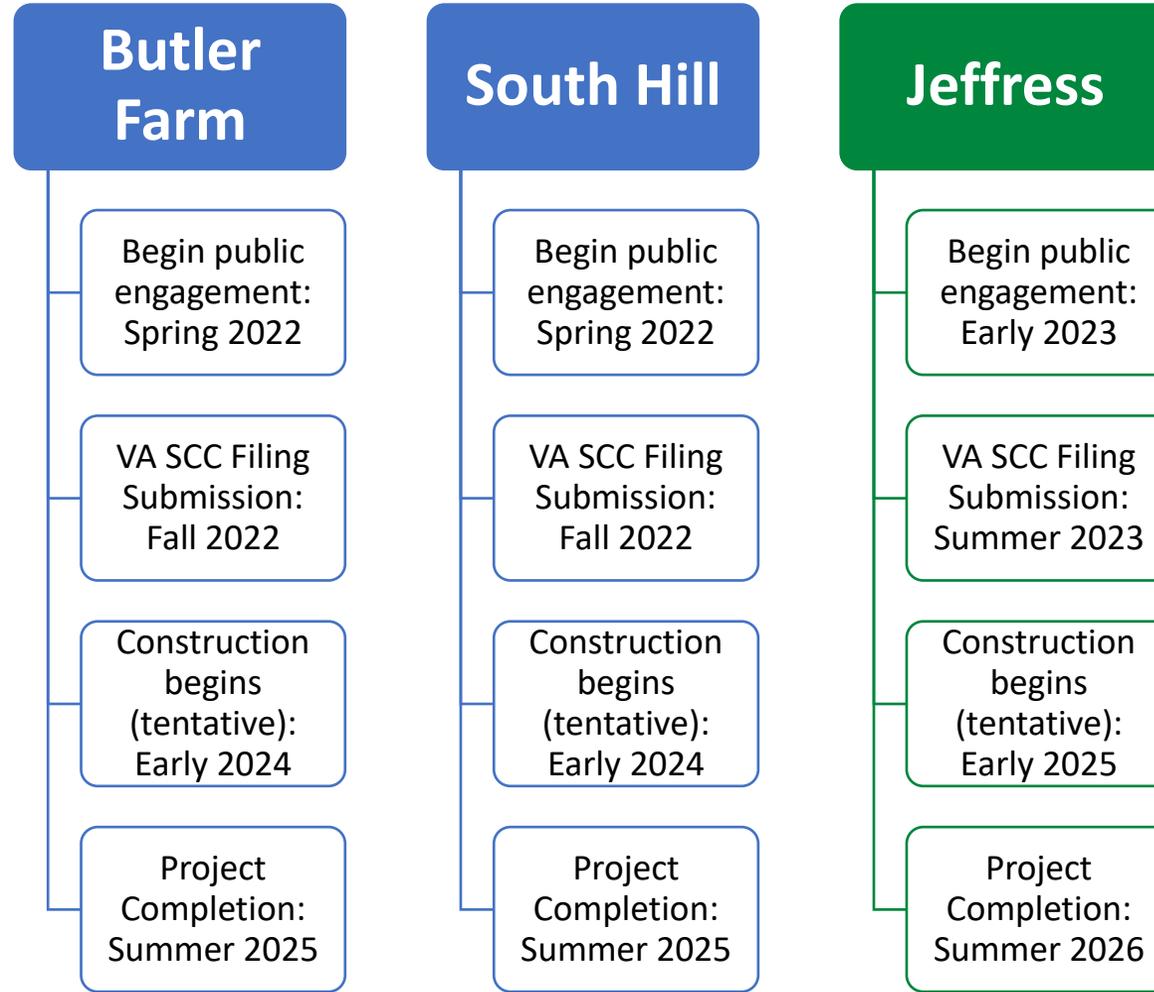


Opportunities for public involvement throughout the process, including public hearings



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





Thank You



Our company is built on a proud legacy of public service, innovation and community involvement.

