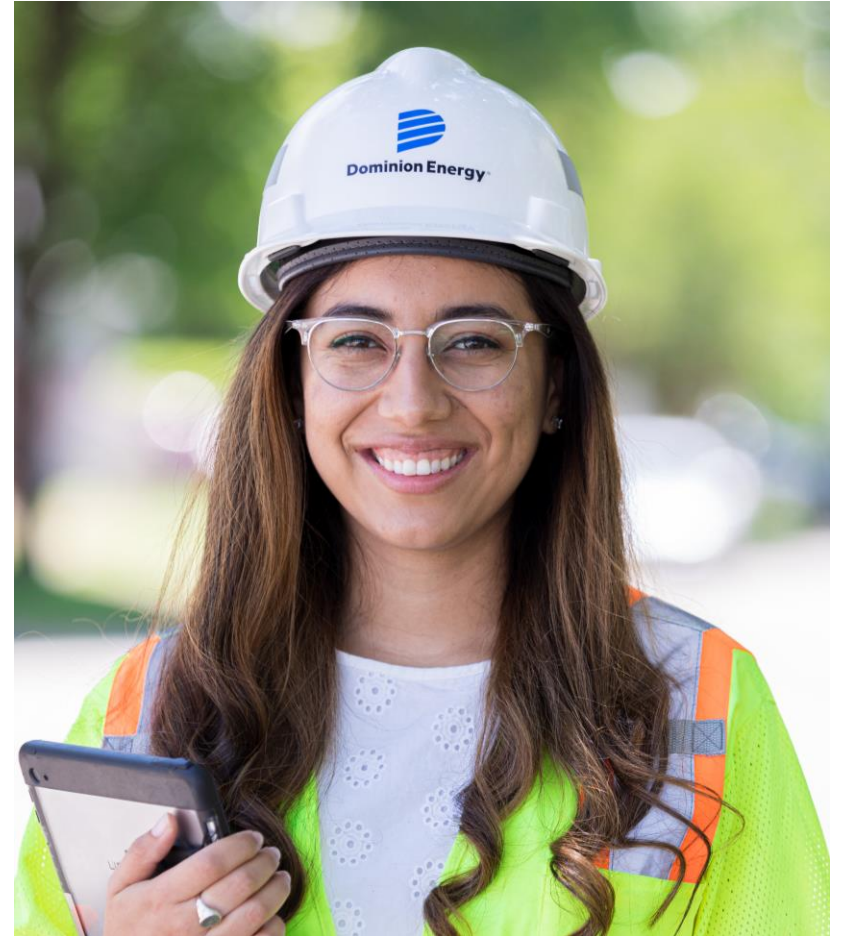


# Unity Substation Project Kenbridge Town Hall

Nov. 1, 2023

Meeting Virginia's  
Energy Needs



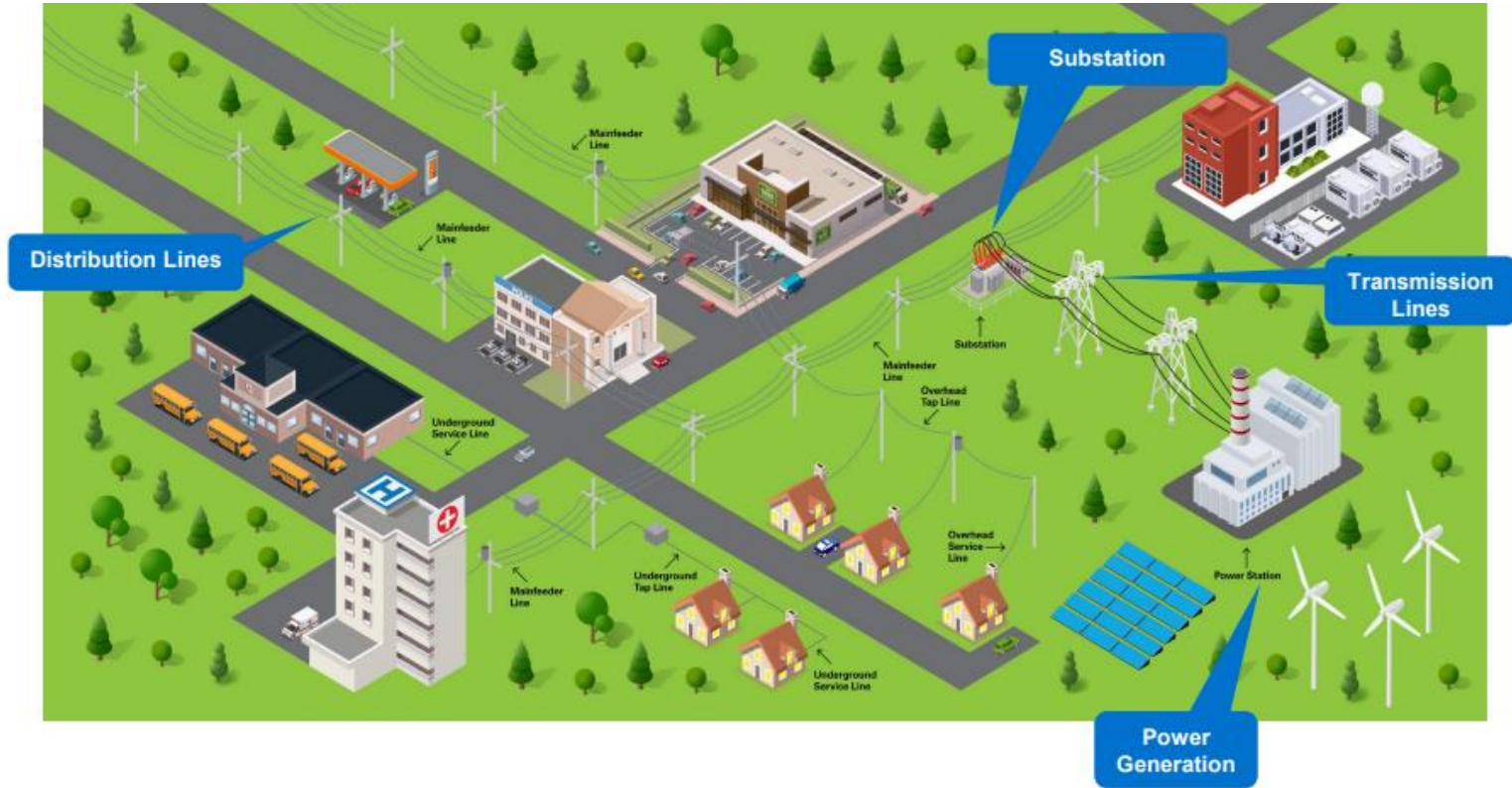
# Safety Moment



At Dominion Energy, we value the **safety** of our employees, contractors, and customers. Let's take a moment to review important safety information.



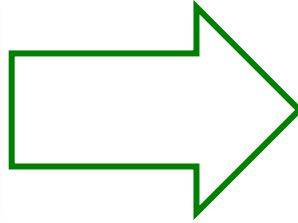
# Substations: A Vital Role in the Energy Grid



# Forces Driving Infrastructure



**Economic Growth**



**Aging Power Grid Assets**

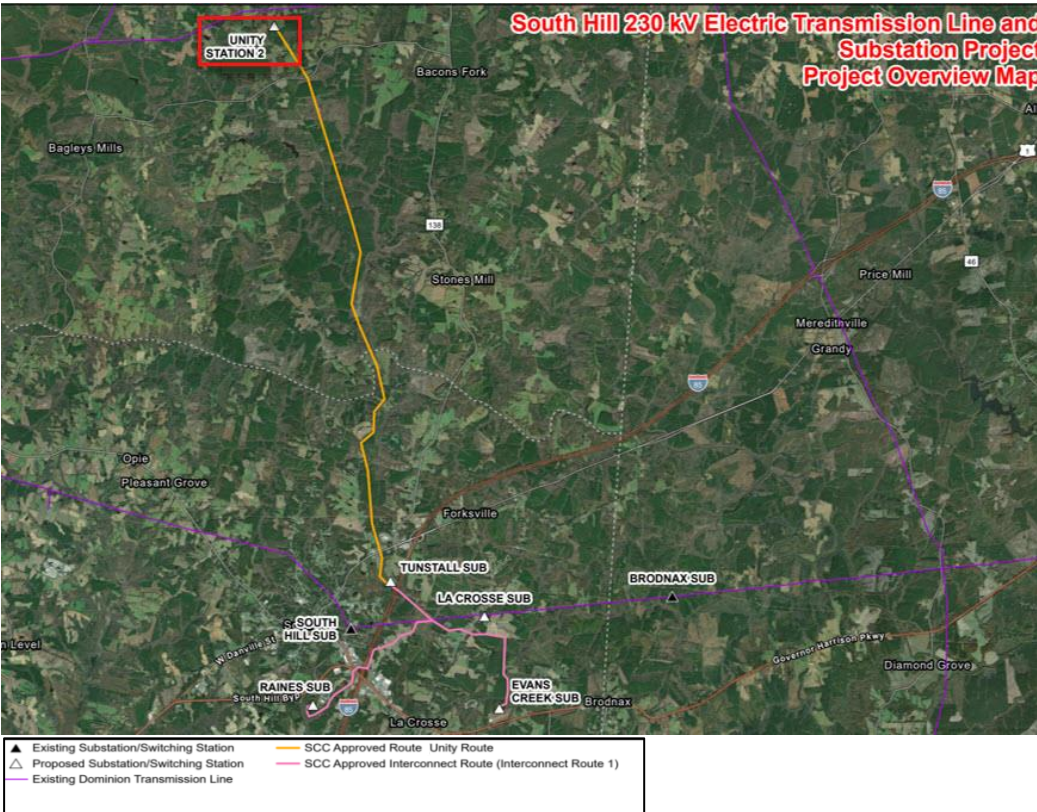
**Addressing Mandatory  
NERC Criteria**



*Dominion Energy image. Not site specific.*



# Unity Substation and South Hill Project



- The Unity Substation is a part of the South Hill Electric Project.
- The Virginia State Corporation Commission (SCC) approved the South Hill Electric Transmission Line Project on June 14, 2023, due to increased electrical demand in the area.
- The new Unity substation will tie into the existing 500 kilovolt (kV) electric transmission line.

# Conditional Use Application



- Unity Substation requires Lunenburg County's approval for a Conditional Use Permit.
- The Conditional Use Permit application was submitted to Lunenburg County in September 2023.

*Dominion Energy image. Not site specific.*

# Construction Timeline



*This schedule is subject to change based on weather, permits, etc.*

Date	Activity
Winter 2023	<b>Site prep</b> begins with the installation of temporary silt fencing, access roads, and additional environmental measures.
Spring 2024	<b>Construction begins</b> and the substation foundations are installed.
Summer 2024	<b>Equipment will arrive</b> at the construction site, including steel, circuits and other materials to erect the substation.
Fall 2025	<b>Complete construction and begin restoration of work area</b> which includes the installation of the permanent security fencing, upgrading of permanent roadway access and environmental restoration.



# Substation Fencing



*Simulation of similar fence. Not site specific.*

- Our substation fencing is vetted through a rigorous process.
- The 20 ft. tall security fence will permanently house the substation equipment, making sure it is constantly monitored and operating efficiently.
- The double-mesh steel fence aids in community safety by keeping our customers and equipment protected.



Low

- Your electric service should not be impacted

Medium

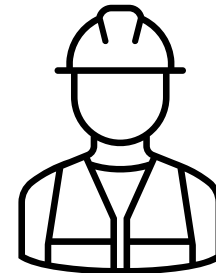
- This project may have minimal construction noise

Medium

- This project may have moderate traffic impacts

## Typical Construction Schedule

- Monday - Friday  
6:00 a.m. – 5:00 p.m.
- There is no official inclement weather work schedule and minimal expectation of weekend work activity.

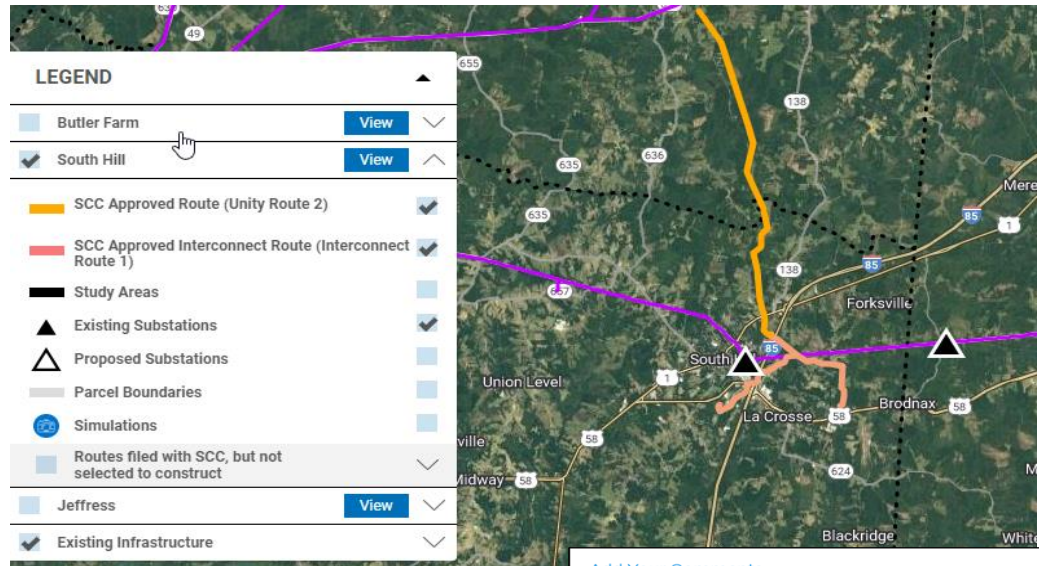


# Staying Connected with the Project



*Updates for Unity Substation and South Hill Transmission Line work are available on our project page.*

- Check out GeoVoice, our interactive mapping tool
- Zoom in on your area, measure distances, and leave comments for our team
- View simulations for the South Hill Project
- Reach out to our team by phone or email at any time



**Add Your Comments**

I am a  If Other, or Name of Organization  Phone

Can you tell us the nature of your comment? *Limit to 3 boxes per submittal!*

<input type="checkbox"/> Environmental Justice	<input type="checkbox"/> Visual Impacts	<input type="checkbox"/> Grid Reliability	<input type="checkbox"/> Educational Partnerships
<input type="checkbox"/> Cultural/Historical	<input type="checkbox"/> Property Value	<input type="checkbox"/> Green Energy	<input type="checkbox"/> Other (fill in the blank)
<input type="checkbox"/> Biological	<input type="checkbox"/> Safety / EMP	<input type="checkbox"/> Economic Benefits (Jobs and Tax revenue)	<input type="checkbox"/> Other
<input type="checkbox"/> Streams/Wetlands	<input type="checkbox"/> Birds / Sea life		

Please leave your comments here:

Maximum characters: 4500. You have 4500 characters left.

[www.DominionEnergy.com/SouthHill](http://www.DominionEnergy.com/SouthHill)

# Thank you

## Contact Us:

888-291-0190

[powerline@dominionenergy.com](mailto:powerline@dominionenergy.com)

For more information, visit our project website:  
[DominionEnergy.com/SouthHill](http://DominionEnergy.com/SouthHill)

