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# WELCOME!

The virtual community meeting will begin shortly.



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# **Tunis – Boykins**

**115 kV Electric Transmission Line Rebuild Project  
in the North Carolina counties of Gates, Hertford and  
Northampton as well as the Virginia county of  
Southampton.**

**Virtual Community Meeting**

**December 10, 2024**



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# Agenda

- **WELCOME:** We appreciate you joining us! This meeting is being recorded. Your audio will remain muted throughout the presentation.
- **PROJECT BRIEF:** To replace aging equipment and maintain reliable service for our customers, we are rebuilding an existing 115 kilovolt (kV) electric transmission line between our Tunis and Boykins substations. This project spans approximately 26.5 miles.
- **Q&A:** Please submit your questions through the Q&A feature in Teams.

*We are committed to working respectfully and being good neighbors in the communities we serve.*



# Safety Topic

## Hunting Safety in Electric Transmission Right of Way

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# Project Team

Subject matter experts are here for you



**Sean**  
Communications



**Rachel**  
Project Manager



**Logan**  
Line Engineer



**Calton**  
Siting and Permitting



**Winnie**  
External Affairs (NC)



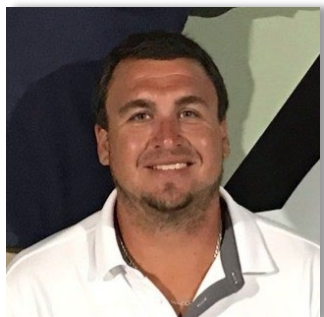
**Clif**  
Access



**Jen**  
Forestry



**Bobby**  
Environmental  
Permitting

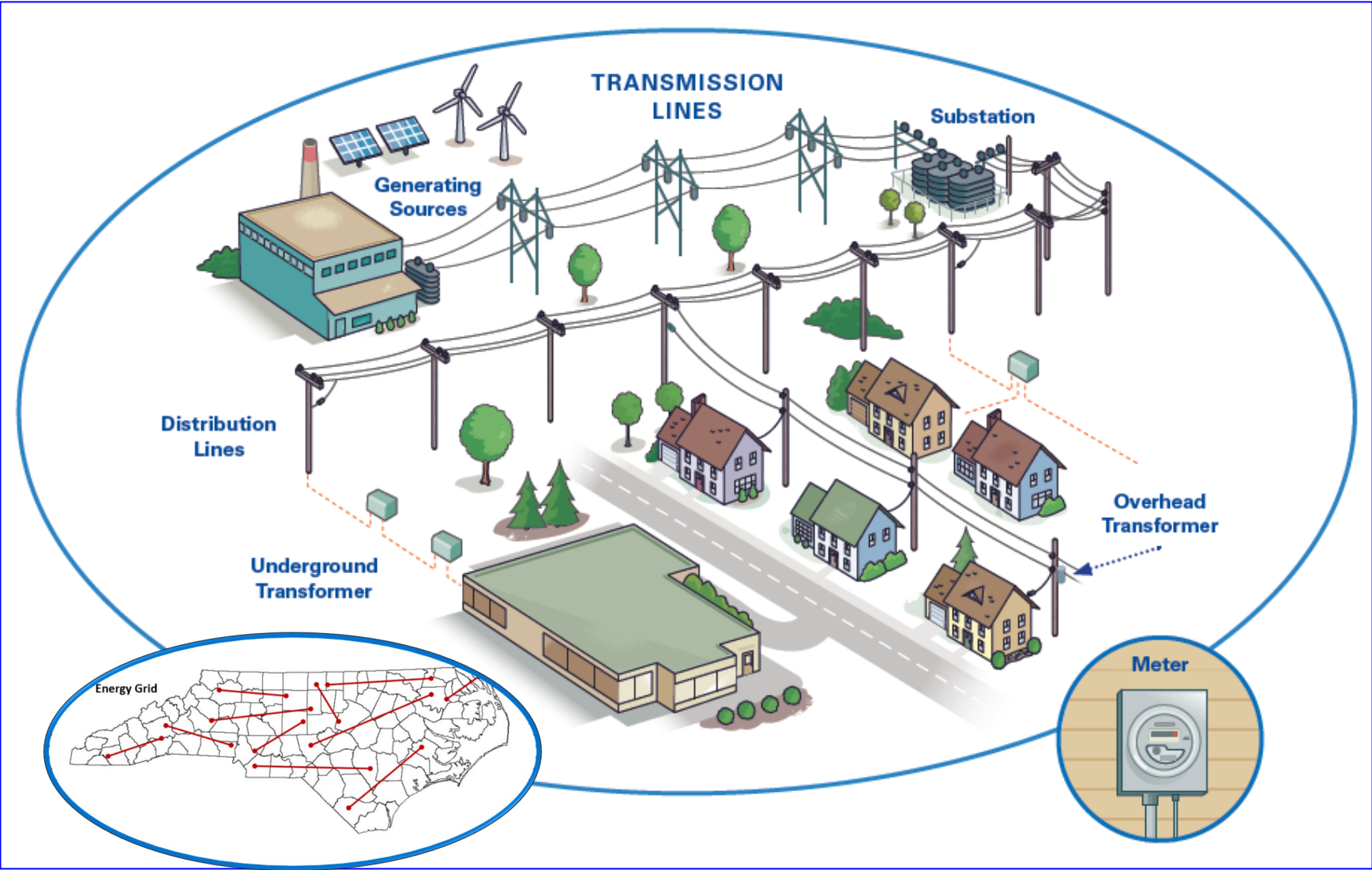


**Lonnie**  
Construction



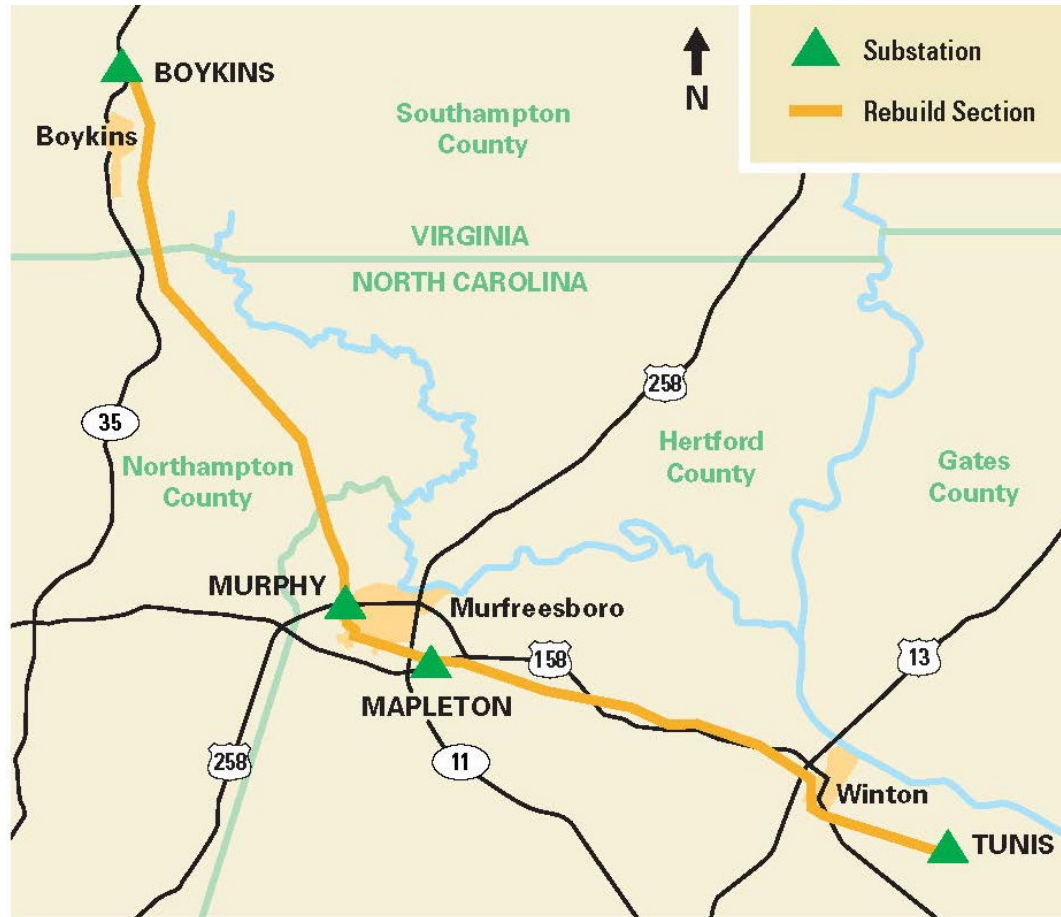
**Kristy**  
External Affairs (VA)

# Electric Grid Overview



# Project Overview

- This project is needed to replace aging equipment and maintain reliable service for our customers.
- Includes some distribution line and pole replacement (near Winton to Murfreesboro).
- 115 kilovolt (kV) electric transmission line
- ~26.5 miles long



*This map is intended to serve as a representation of the project area and is not intended for detailed engineering purposes.*



- Mostly uses existing right of way corridor (conversations are being had with our Real Estate team to acquire 20 additional feet for a section of the line).

# Structure Changes

- Average existing height: 61 feet (mostly wood)
- Average new height: 72 feet (weathering steel)
- Total structures to be replaced: 365
- Distribution power lines share 188 structures
- 20 additional feet required to widen right of way from structures near Winton to Murfreesboro



Photo: Wooden Structures



Rendering: New structures  
(Illustrative purposes only and is not intended for detailed engineering purposes.)



# Construction Schedule

\*Pending weather and progress

## PRECONSTRUCTION

- **November – December 2024:** Access, staking structures, forestry, installation of matting

## CONSTRUCTION

### PHASE 1: Tunis – Mapleton

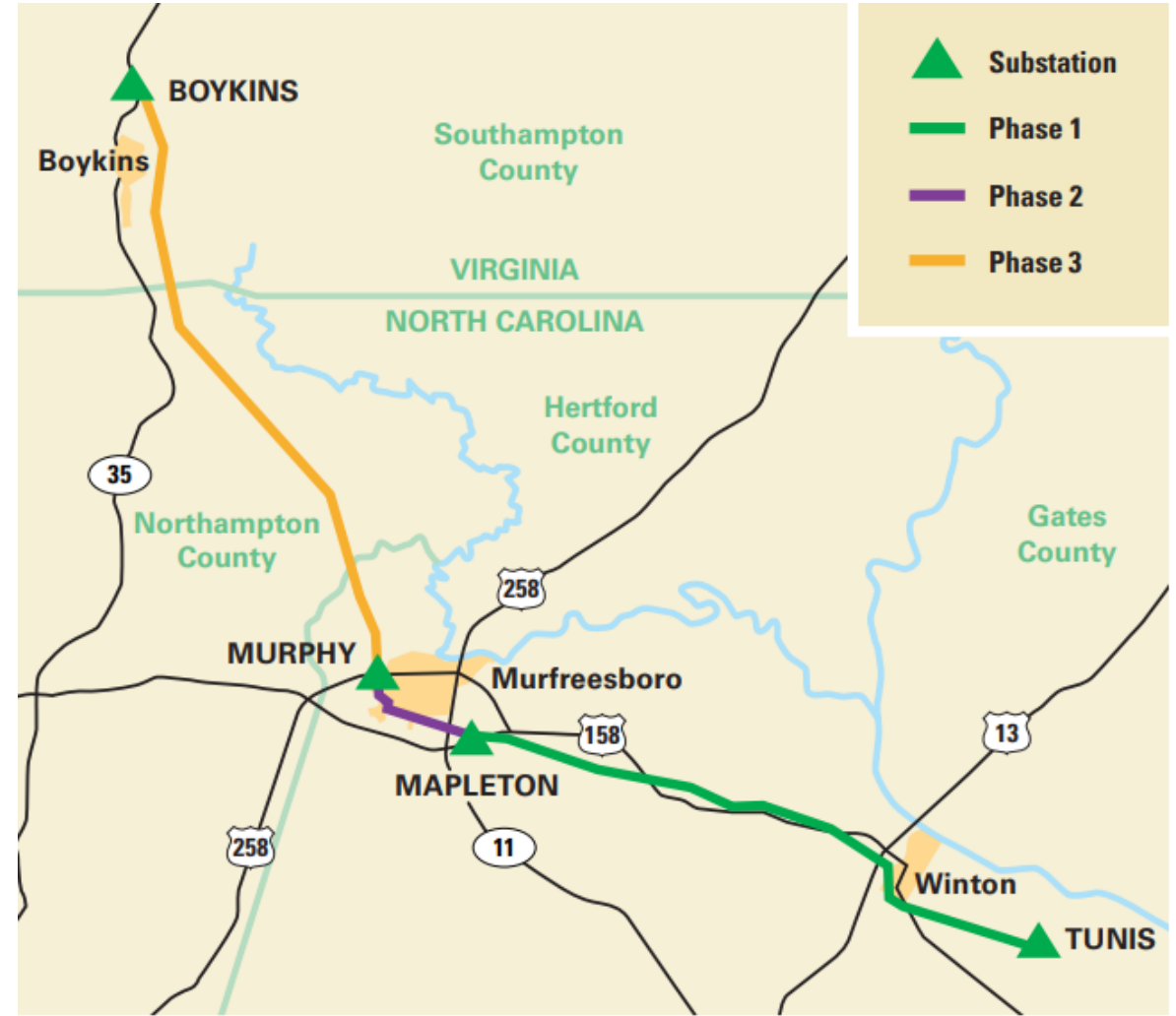
- **January 2025:** Construction begins at Tunis Substation
- **September 2025:** Construction ends at Mapleton Substation
- **September 2025 – March 2026:** Right of way restoration (grass seed and low-growth vegetation rehabilitation)

### PHASE 2: Mapleton – Murphy

- **August 2025:** Construction begins from Mapleton Substation
- **February 2026:** Construction ends at Murphy Substation
- **February – August 2026:** Right of way restoration (grass seed and low-growth vegetation rehabilitation)

### PHASE 3: Murphy – Boykins

- **December 2025:** Construction begins from Murphy Substation
- **June 2026:** Construction ends at Boykins Substation
- **October 2026 – April 2027:** Right of way restoration (grass seed and low-growth vegetation rehabilitation)



This map is intended to serve as a representation of the project area and is not intended for detailed engineering purposes.

# Construction Access (in general)

- Where possible, we will access the right of way using existing roads.
- Construction entrances and/or additional access roads may be temporarily installed.
- Timber supports beneath the mats help minimize disturbance to the ground or surface below.
- Matted support systems provide access through wetlands, swamps, and other sensitive areas.

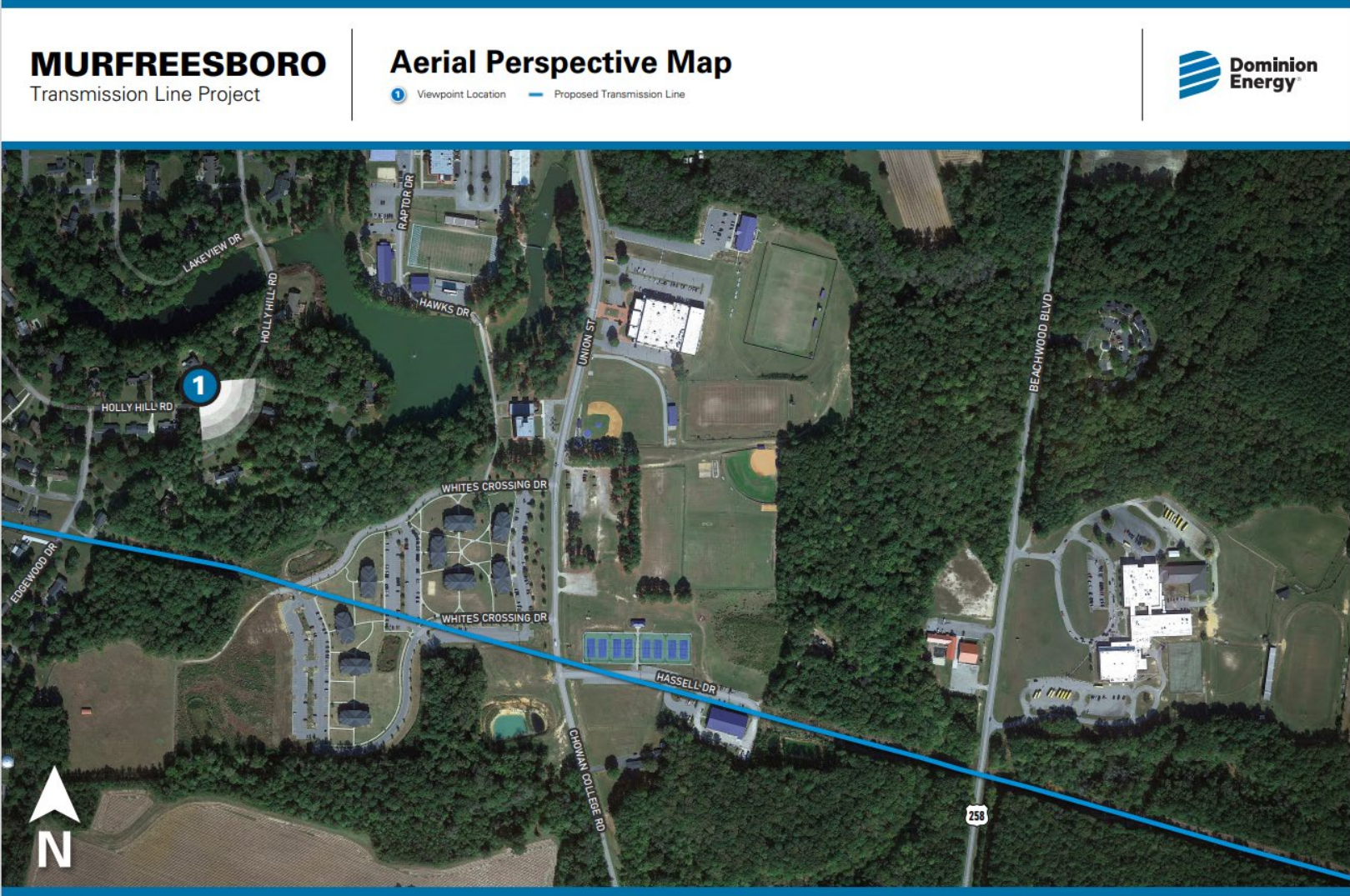


# Construction Activities (in general)



- Installing access roads
- Preparing the site
- Handling and staging materials
- Installing foundations
- Erecting structures
- Stringing wires (conductor + fiber)
- Removing the original structures along the rebuilt line segment
- Restoring the right of way

# Chowan University Photo Simulations



# Chowan University Photo Simulations

**MURFREESBORO**  
Transmission Line Project

**Aerial Viewpoint 1**

1 Viewpoint Location    Viewing Direction: Southeast



# Chowan University Photo Simulations

## MURFREESBORO Transmission Line Project

### Aerial Viewpoint 1

Viewpoint Location    Viewing Direction: Southeast    Right-of-Way  
New Transmission Poles



PROPOSED CONDITIONS

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

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## Q&A

**Please stand by as we compile your submitted questions.**

**Thank you for your patience!**

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**Thank you for your time!**

**Connect with us if you have questions or feedback:**

**888-291-0190**

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**[www.dominionenergy.com/tunis](http://www.dominionenergy.com/tunis)**