

**Welcome to the meeting!**  
**We're glad you're here!**

**Meadowville**  
**230 kV Electric Transmission**  
**Project**



**Dominion**  
**Energy**<sup>®</sup>

Powering Your Every Day.<sup>SM</sup>

# Project Overview



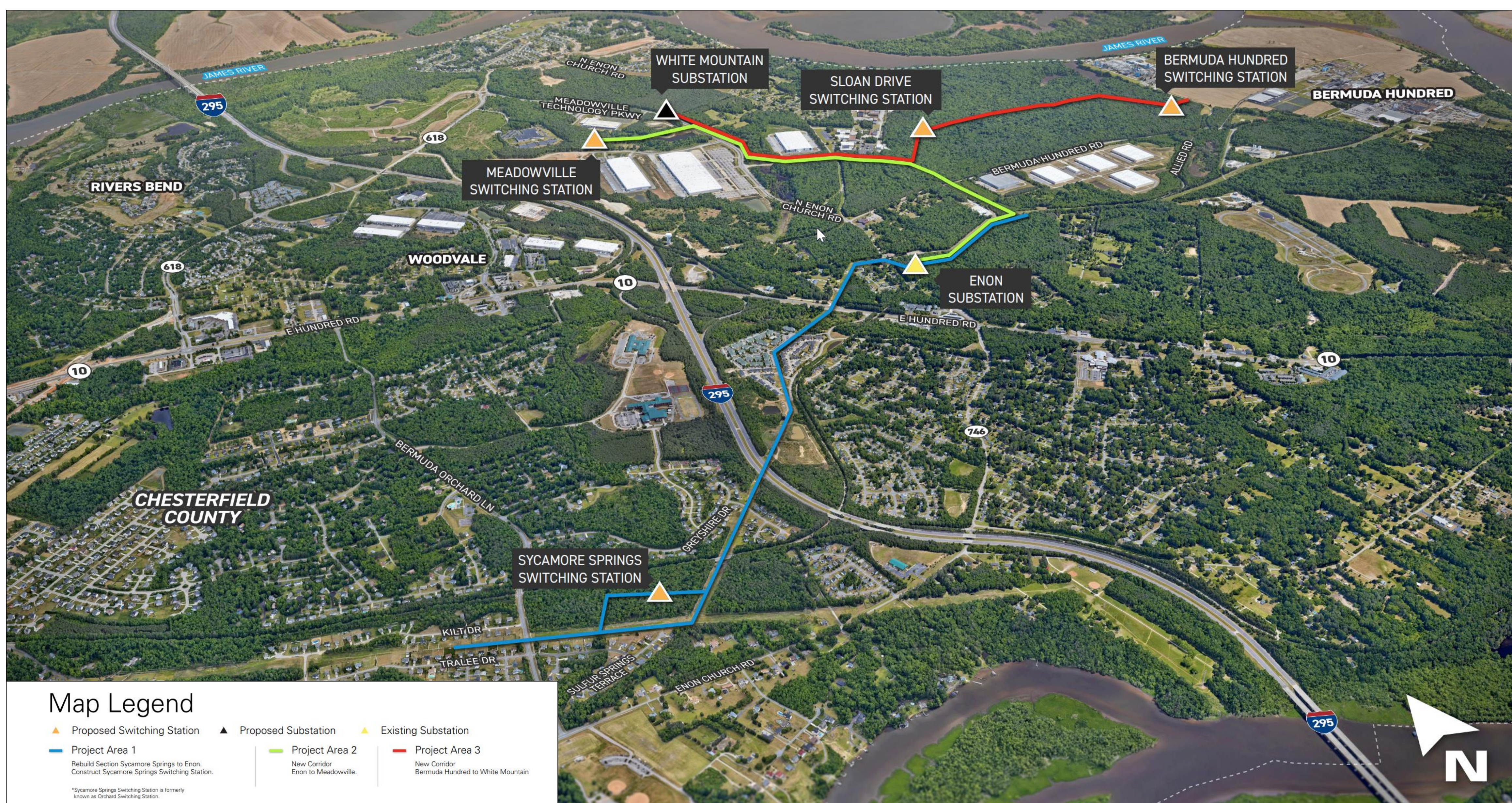
## Meadowville 230 kV Electric Transmission Project

The Meadowville 230 kV Electric Transmission Project proposes rebuilding existing and extending new 230 kV electric transmission lines to connect to new substations and support developing infrastructure in Chesterfield County, Virginia.

This project will allow us to meet the area's growing energy needs, continue providing reliable electric service, and maintain compliance with federal reliability standards.

### Three key project components:

1. Construct one substation and four switching stations in the general vicinity of Meadowville Technology Park.
2. Route and construct two new transmission corridors into the Meadowville Technology Park.
3. Rebuild approximately two miles of an existing transmission line in the area between our future Sycamore Springs Switching Station site and our existing Enon Substation. The new structures will allow us to bring a necessary source to the growth area while accommodating an additional circuit and maximizing our existing right of way.



# Project Area 1



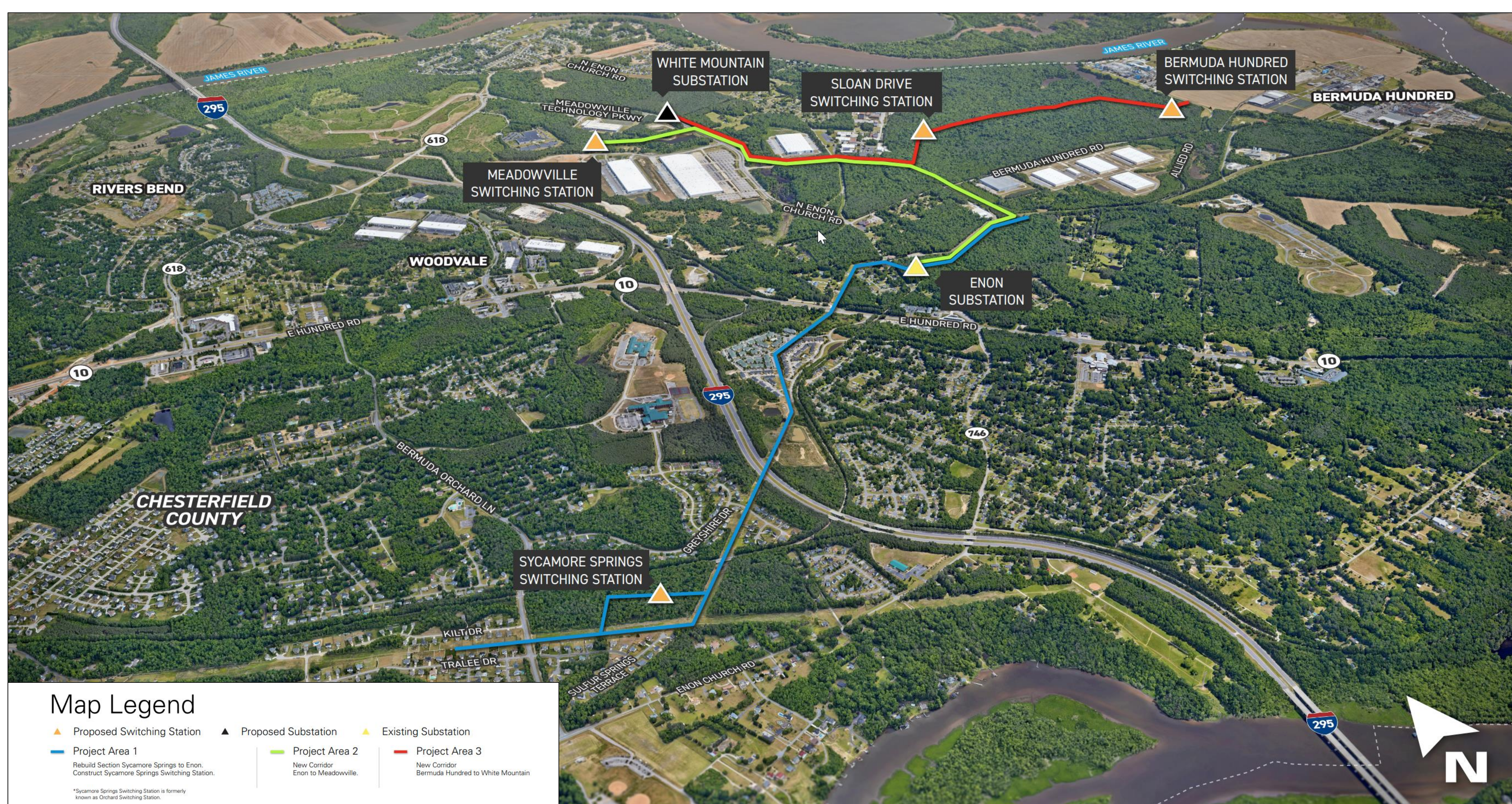
## Scope of Work:

1. Construct Sycamore Springs Switching Station (*formerly known as Orchard Switching Station*)
2. Rebuild existing single-circuit 230 kV electric transmission line between Sycamore Springs Switching Station and Enon Substation with new double-circuit 230 kV structures
  - Approximate length: Two miles
  - Average height increase: 27 feet

*\*Each structure change varies and is subject to final engineering. View individual structure changes on the interactive mapping tool on our project website.*

In addition to requiring Virginia State Corporation Commission (SCC) approval, Sycamore Springs Switching Station will require approval from Chesterfield County. Dominion Energy plans to submit a Conditional Use Permit in August 2024.

Pending approval, construction of the switching station is scheduled to begin in early 2027. The transmission line rebuild is scheduled to begin in summer 2027.



# Project Area 2



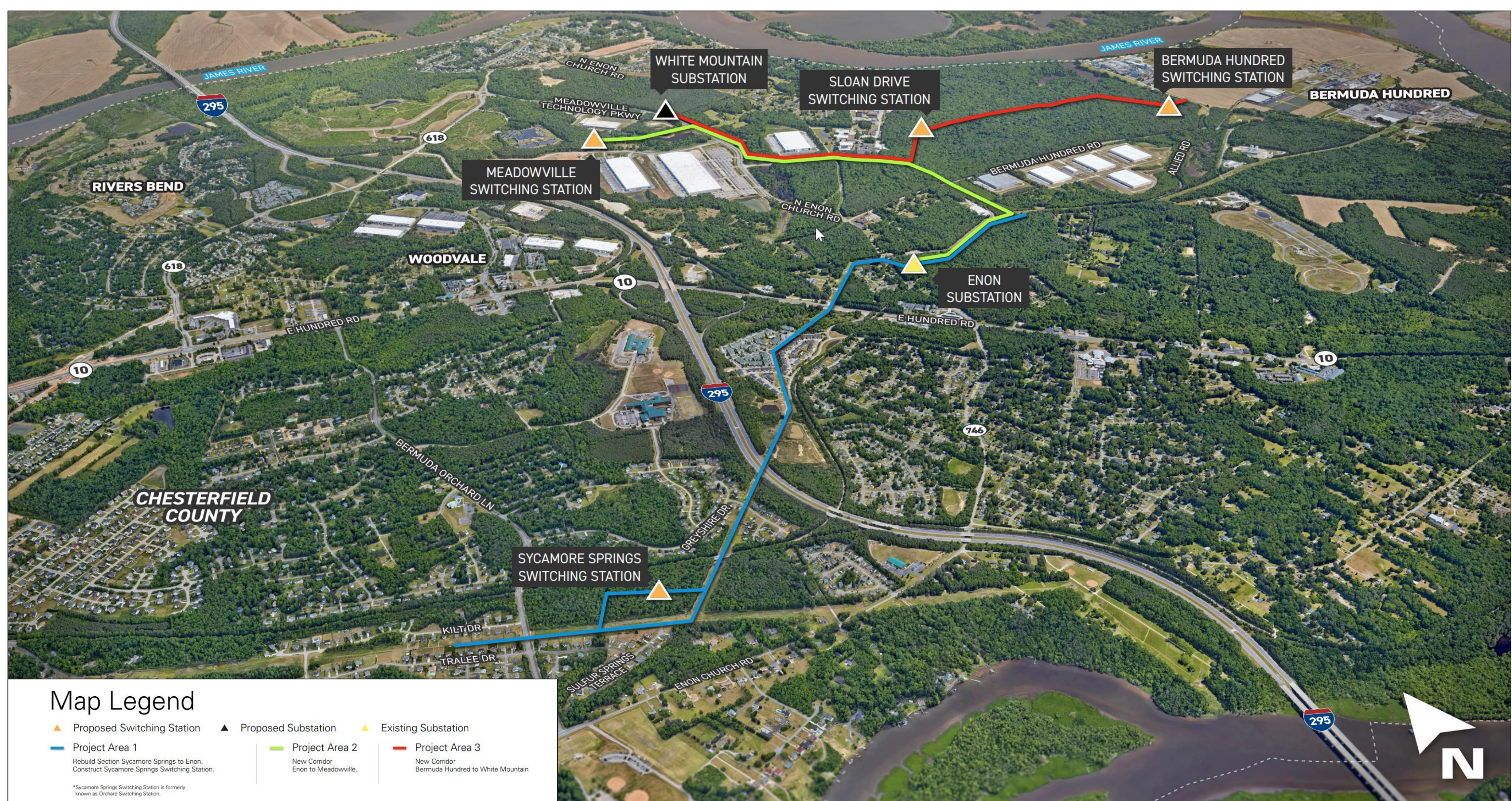
## Scope of Work:

Construct new 230 kV electric transmission line between our existing Enon Substation and the proposed Meadowville Switching Station.

- Approximate distance: 2 miles

Pending approval, construction of the new line is scheduled to begin in late 2026.

To view all project routes in detail, visit the interactive map on our project website, [DominionEnergy.com/meadowville](https://www.dominionenergy.com/meadowville).



# Project Area 3



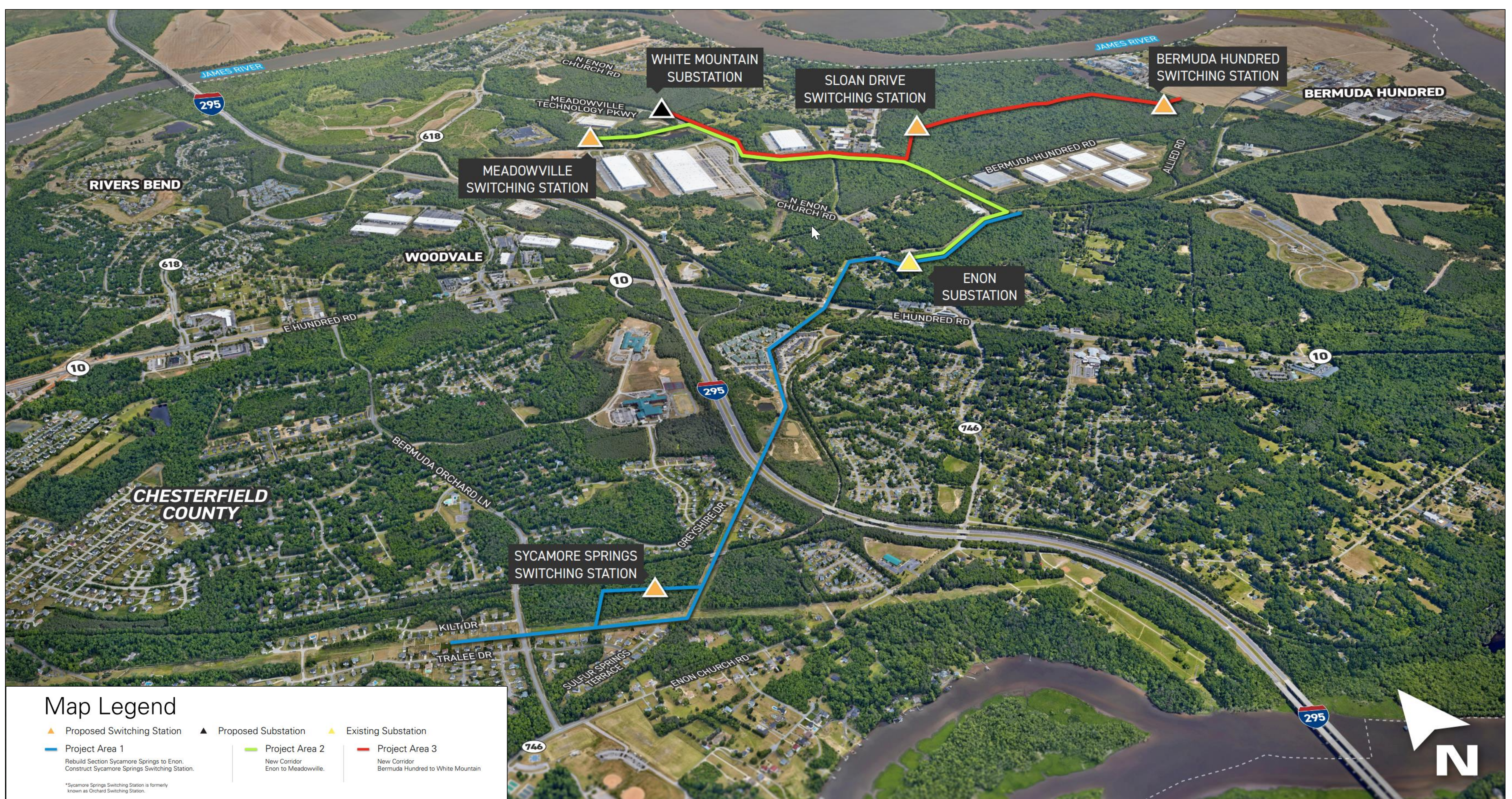
## Scope of Work:

Construct new 230 kV electric transmission line between the proposed Bermuda Hundred Switching Station and White Mountain Substation.

- Approximate distance: 2.5 miles

Pending approval, construction of the new line is scheduled to begin in late 2025.

To view all project routes in detail, visit the interactive map on our project website, [DominionEnergy.com/meadowville](https://www.dominionenergy.com/meadowville).



# Energy Grid



**Transmission lines** move energy from power stations to substations. Power stations, — fueled by natural gas, wind, solar or other sources — make energy. **Substations** take that energy and either lower or increase the voltage so distribution lines can safely carry the energy to homes and businesses. Transmission lines are connected and work together to form what we call the **energy grid**.

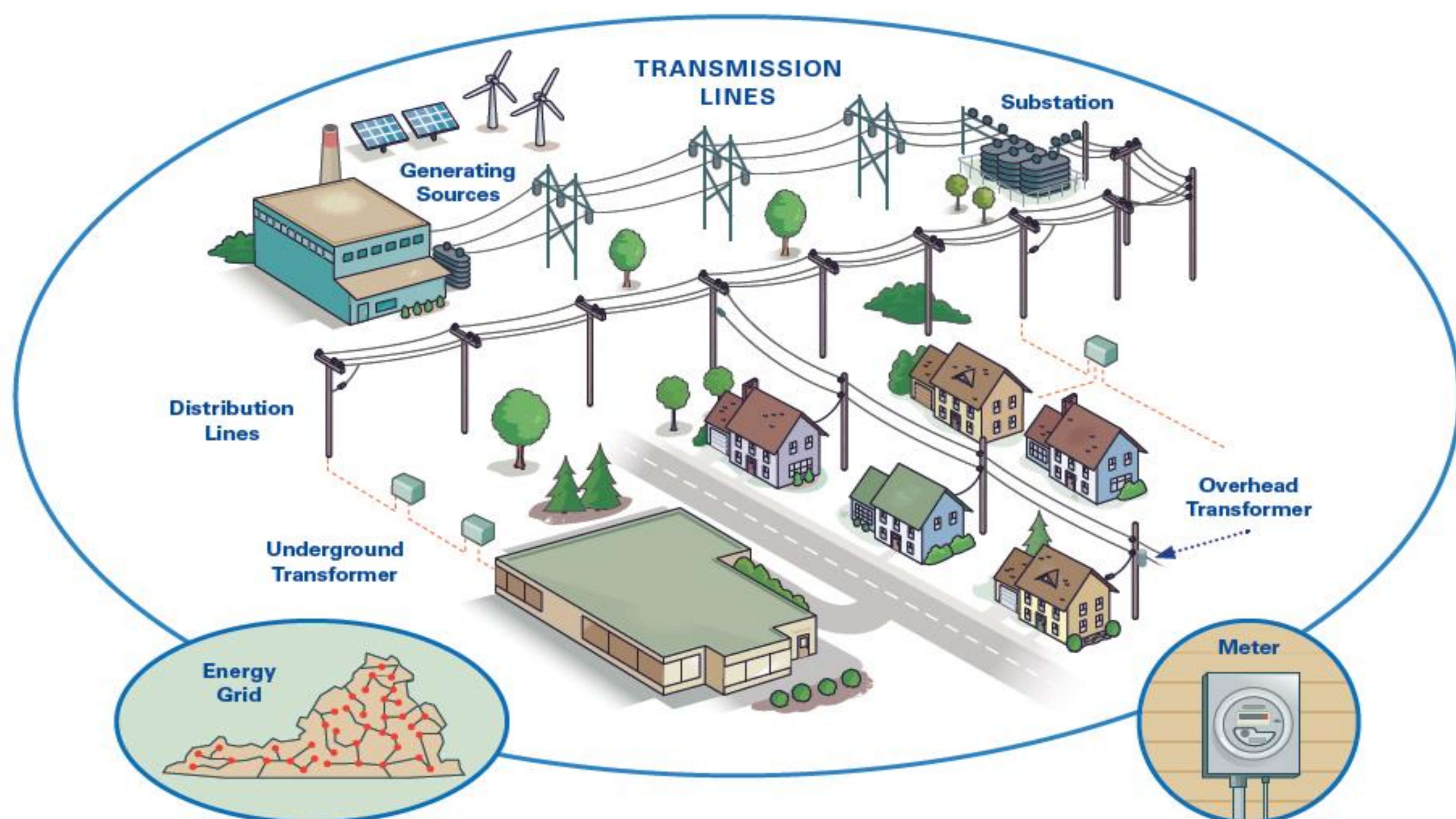
**Switching stations** closely resemble substations in look and function. However, switching stations do not contain transformers. Switching stations connect multiple electric transmission circuits, but do not increase or decrease voltage.

As part of the Meadowville project, Dominion Energy is proposing four new switching stations:

- Sycamore Springs
- Bermuda Hundred
- Sloan Drive
- Meadowville

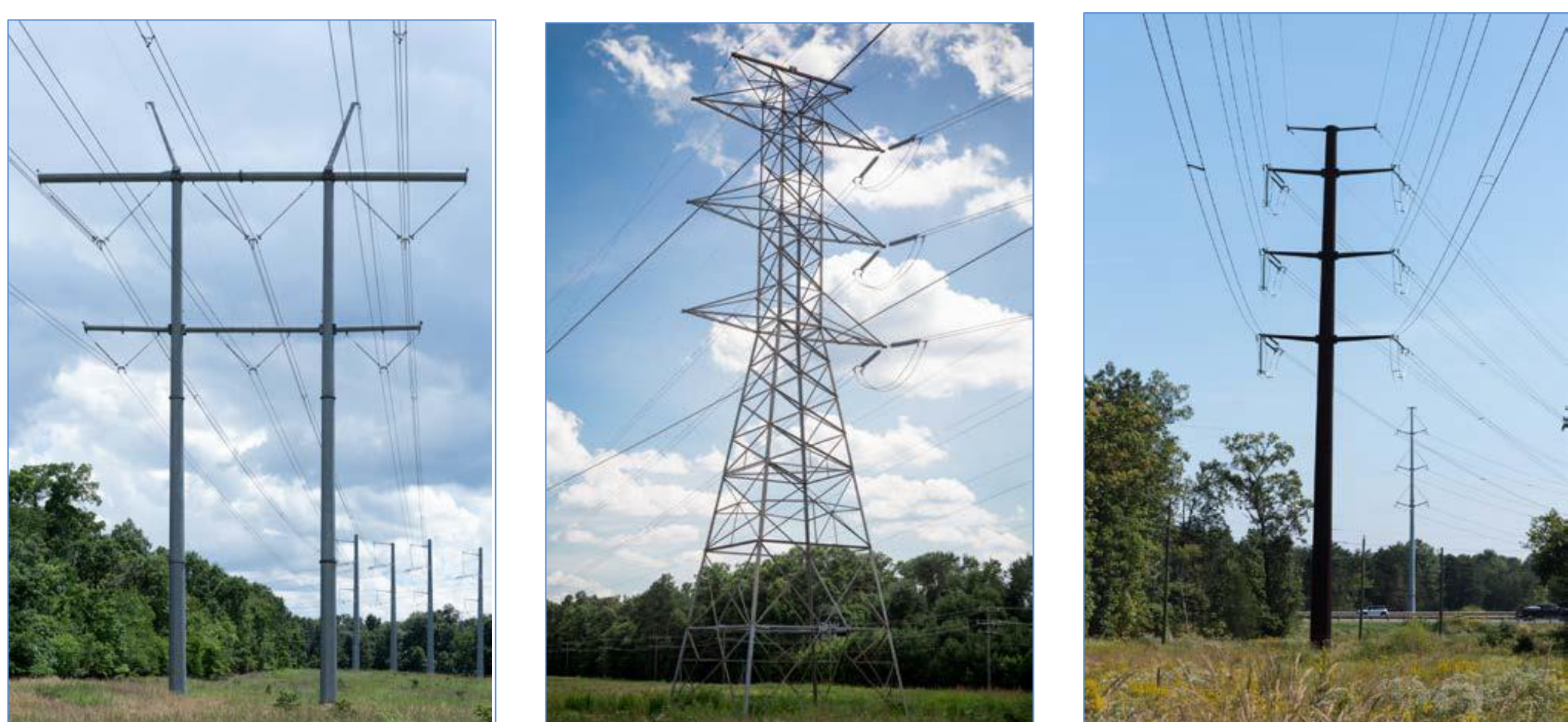
And one new substation:

- White Mountain



## Transmission Lines

Electric transmission lines are the tall high-voltage lines that carry electricity over long distances, such as from a power station to a city.



## Distribution Lines

Distribution lines carry electricity or energy to homes and businesses.



## Meadowville 230 kV Electric Transmission Project

Summer 2024	<ul style="list-style-type: none"><li>• Project announcement</li></ul>
July 11, 2024 July 18, 2024	<ul style="list-style-type: none"><li>• Community meetings</li></ul>
Late Summer 2024	<ul style="list-style-type: none"><li>• File application with the Virginia State Corporation Commission (SCC)</li></ul>
Spring 2025	<ul style="list-style-type: none"><li>• SCC ruling (anticipated)</li></ul>
2025	<ul style="list-style-type: none"><li>• Permitting</li><li>• Finalize engineering</li><li>• Pre-construction outreach</li><li>• Construction begins</li></ul>
Late 2028	<ul style="list-style-type: none"><li>• Construction complete</li><li>• Work area restoration begins</li></ul>

This schedule is subject to change based on permitting, weather, etc.  
For the latest project timeline, visit our website:

**[DominionEnergy.com/meadowville](https://www.dominionenergy.com/meadowville)**


# Interactive Mapping Tool



Interested in learning more about this project?  
Check out the interactive mapping tool on our project website.

**Step 1: Go to - [DominionEnergy.com/meadowville](https://DominionEnergy.com/meadowville)**

**Step 2: Click this icon -**

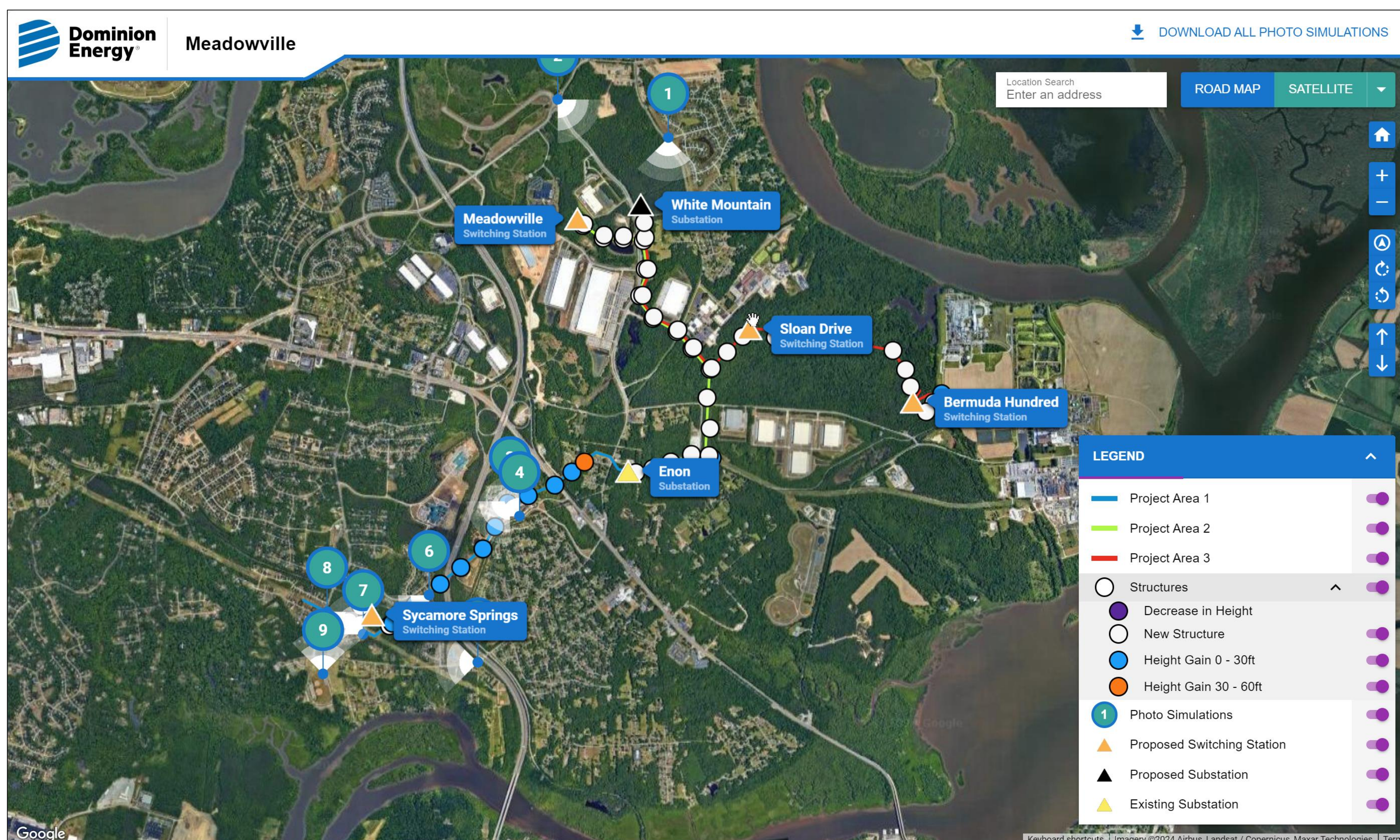


**View Interactive Map**

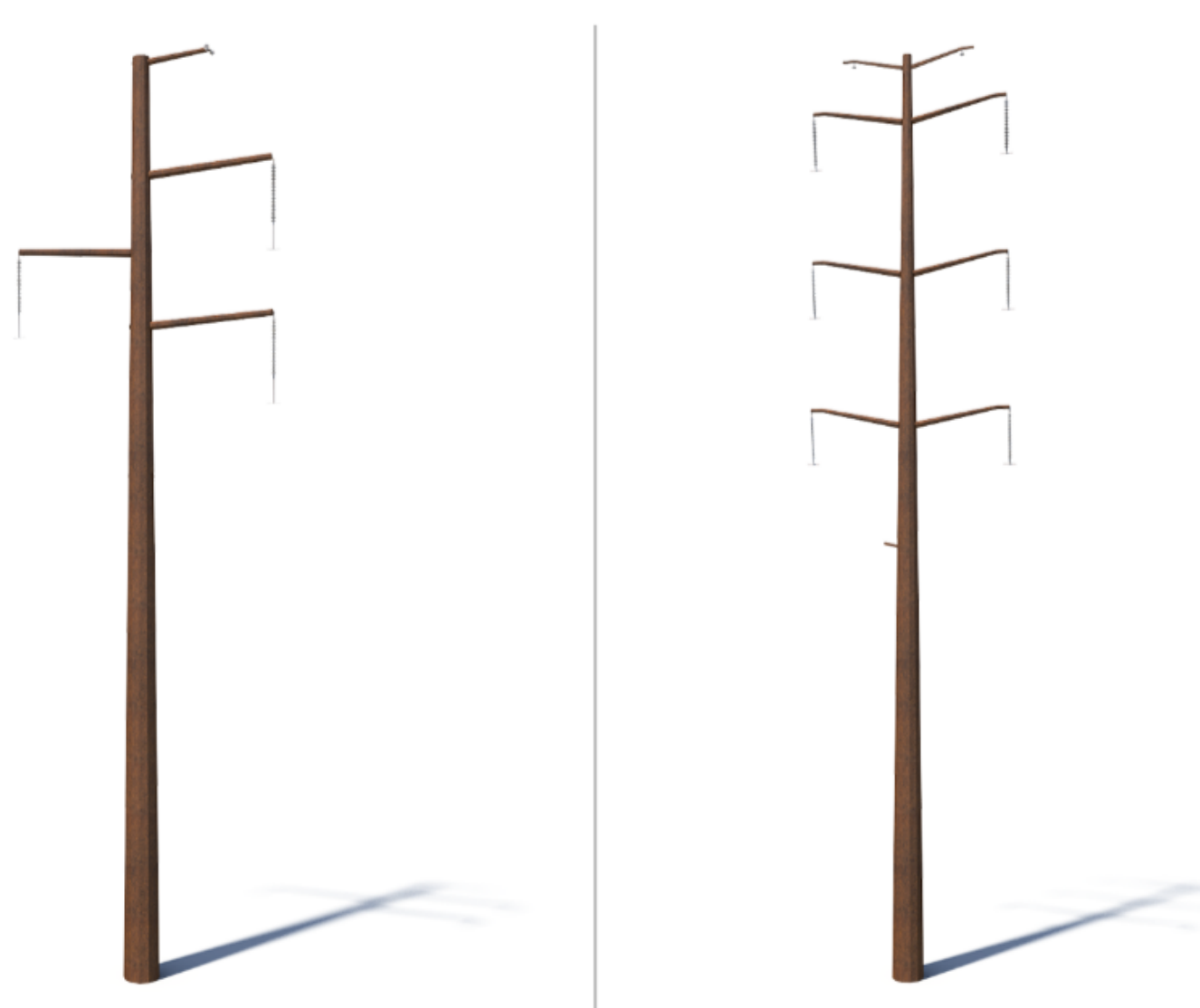
View the project location, zoom in, see changes for each individual structure, and more, by visiting our Backyard Application.

**Step 3: Use the tool to -**

- Zoom in on areas that matter to you, or search for an address
- View both existing structures and simulations of proposed structures
- View changes for each individual structure



**Structure 2049/43**



**Existing Structure**  
Type: Monopole  
Height: 90.0 ft

**New Structure**  
Type: Monopole  
Height: 120.0 ft

**Height Difference: +30 ft**

\*Structure images and heights represent the conceptual design for the project.