

Elm Substation Project Fauquier High School November 5, 2025

Meeting Virginia's Energy Needs



Powering Your Every Day.™

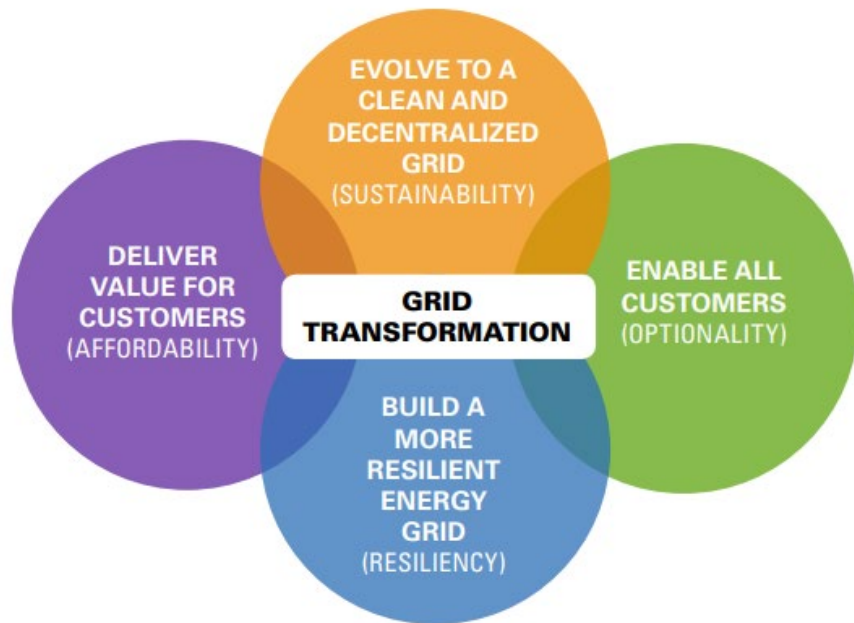


Safety Moment

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

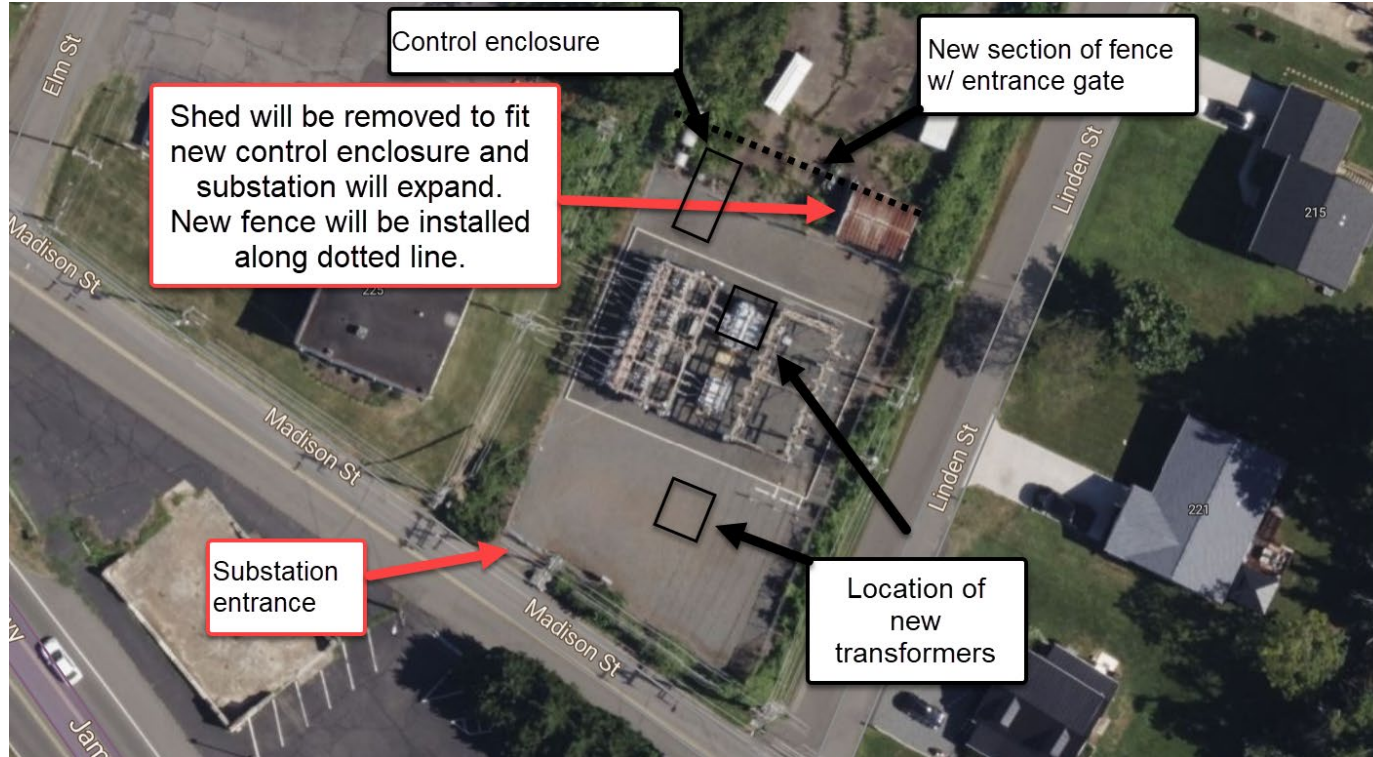


Project Driver: Grid Transformation Plan



Our 10-year Grid Transformation Plan is creating a smarter, stronger, greener grid. This is needed to support Virginia's clean energy future and enhance the safe, reliable service customers expect and deserve.

Scope of Work

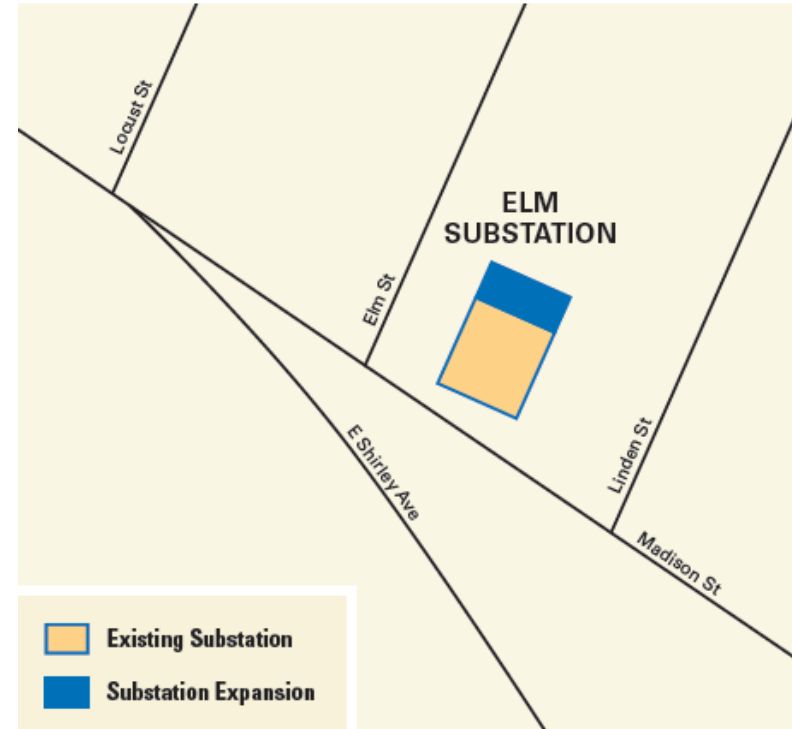


- Install two new transformers and upgraded substation equipment
- Install new gates and fence to enhance substation security
- Build new 12x30 control enclosure, which will expand the substation footprint approximately 35 feet
- New fence and two swing gates will be installed along the new perimeter

Project Details and Customer Benefits



- ✓ Modernizes substation
- ✓ Improves service reliability
- ✓ Accommodates for future energy demand
- ✓ Faster outage detection and response



What will the Substation look like?



ELM SUBSTATION

Grid Transformation Project

Photo Location Map

1 Viewpoint Location Existing Elm Substation Footprint Elm Substation Expansion



What will the Substation look like?

ELM SUBSTATION

Grid Transformation Project

Viewpoint 1

Date: 10/21/2025 Time: 8:38 am

Viewing Direction: Southwest



- 1 Viewpoint Location
- Existing Elm Substation Footprint
- Elm Substation Expansion

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



What will the Substation look like?

ELM SUBSTATION

Grid Transformation Project

Viewpoint 1

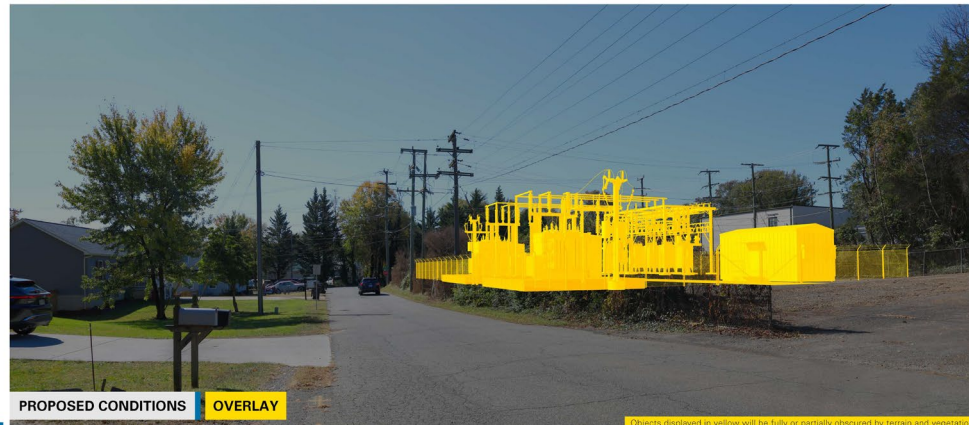
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Objects displayed in yellow will be fully or partially obscured by terrain and vegetation.

Project Timeline

This schedule is subject to change



Date	Activity
Winter 2025	Permitting process: A request for Special Use Permit will be submitted to the Town of Warrenton Planning Commission in early November
Spring 2026	Site prep: Some vegetation will be removed in parts of the substation perimeter. Temporary silt fencing will be installed as shed and part of the fence are demolished to make space for new control enclosure
Summer 2026	Construction begins: Control enclosure and new substation equipment is delivered
Summer 2027	Construction complete and begin securing area: Re-installation of permanent security fencing and area restoration

Low

- Your electric service should not be impacted

Medium

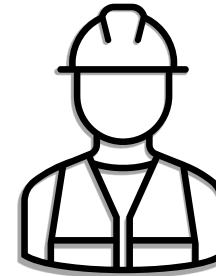
- This project may have average construction noise

Low

- This project should have minimal traffic impacts

Typical Construction Schedule

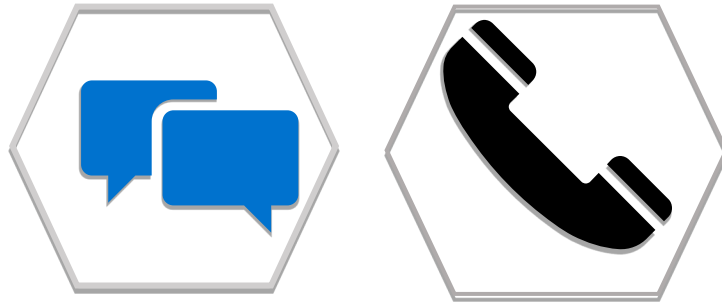
- Monday - Friday
7:00 a.m. – 5:00 p.m.
- There is no official inclement weather work schedule and minimal expectation of weekend work activity.



Staying Connected with the Project

Updates for the Elm Substation Project are available on our project page.

- Reach out to our team by phone or email



Contact Us:

888-291-0190

powerline@dominionenergy.com

www.DominionEnergy.com/gtppsbs

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Grid Transformation Plan – Substation Projects

The Grid Transformation Plan consists of projects that work together to improve grid reliability and security. Many of these projects involve work at electric substations.

Substation Project Categories

Voltage Island Mitigation

Voltage islands are single-transformer substations which serve customers and don't have available backup transformers to pick up the electric load in the event of a failure. Mitigating voltage islands means adding additional transformers to current single-transformer substations. This brings redundancy to the grid and reduces outage lengths.

Substation Technology

We are modernizing distribution stations by upgrading certain components that will improve reliability, maintain voltage stability, and increase overall visibility of grid operations. This will help reduce outage response times and integrate renewable energy resources onto the grid.

Safety and Security

We are enhancing physical security at substations to mitigate emerging threats to the energy sector and protect from cyber and physical attacks.

Current Projects

Project Name	Location	Details
Arlington Substation	Arlington County	<ul style="list-style-type: none">Substation security projectArlington Substation letter sent to community in February 2024Construction update letter sent to neighbors in August 2024 (English Version En español)Construction update letter sent to neighbors in March 2025 (English Version En español)Construction scheduled from Spring 2025 to Fall 2025
Carver Substation	City of Richmond	<ul style="list-style-type: none">Substation security projectCarver Substation postcard sent to community in December 2023Update postcard sent to community in July 2024Preconstruction postcard sent to community in July 2025Anticipated construction from Summer 2025 to Spring 2026, with temporary traffic impacts
Cottage Park Substation	City of Norfolk	<ul style="list-style-type: none">Substation security projectServes over 4,300 customersConstruction update postcard sent to neighbors in September 2025Anticipated construction completion: late spring 2026
Disputanta Substation	Prince George County	<ul style="list-style-type: none">Substation technology projectProject announced in July 2025Anticipated substation construction from spring 2026 to late 2026
Elm Substation	Fauquier County, VA	<ul style="list-style-type: none">Substation technology projectServes over 2,300 customersProject announcement and community meeting information sent to neighbors - October 2025Anticipated construction start - October 2025Project Fact Sheet

12

**Questions?
Let's Discuss!**