

Spring Hill – Tysons 230 kV Underground Transmission Line Project

Welcome to the overview of Dominion Energy’s Spring Hill to Tysons 230-kilovolt Underground Transmission Line Project.

At Dominion Energy, we are committed to continually reviewing and maintaining our energy infrastructure to provide safe and reliable electric service.

Three primary forces drive the need for new transmission infrastructure:

- Economic development, such as population growth or business expansion
- Aging assets, such as decades old structures that need to be replaced
- And complying with standards to ensure safety and reliability

At Dominion Energy, we believe solutions should always account for future energy needs while continuing to balance cost and impacts.

This project will replace a portion of an existing 230-kilovolt (kV) above-ground line in Tysons with a new 230kV underground line running from the existing Tysons substation on Tyco Road and terminating at a structure near the Future Spring Hill Substation southwest of Leesburg Pike and Spring Hill Road.

Dominion’s existing Tysons Distribution Substation will generally serve the portion of Tysons north of Leesburg Pike and west of Route 123. The proposed Spring Hill distribution substation will generally serve the south side of Leesburg Pike, west of I-495.

There are currently over 60 Million square feet of pending and approved zoning applications in Tysons. This rapid growth requires updated infrastructure to meet the increased demand for energy.

The Future Spring Hill Substation will support many approved mixed-use developments in the surrounding area including the Dominion Square East, Dominion Square West, and SunBurst Developments.

A portion of this project relocates the current transmission alignment around The View. This new development will be a mixed-use space with offices, apartments, a hotel, a performing arts center, and retail areas surrounded by sitting and gathering areas.

Dominion Energy is working closely with Tysons, Fairfax County, and local developers to design this underground line in a way that achieves Fairfax County’s Comprehensive plan and economic development priorities, improves security and reliability for major public and private entities, fosters a pedestrian-friendly environment, and integrates with the above-ground Silver Line Metro.

Dominion Energy plans to install the underground transmission cables using the open trench method. The open trench method begins with installation of manholes at predetermined intervals along the route. Crews then dig trenches along the route using excavators, trenchers, asphalt saws, and hand tools where necessary. Trenches are shored to prevent walls from collapsing and to ensure a safe work environment during construction. Conduits are laid in the trench at least 42 inches below the surface,

and the trench is filled with concrete. After the conduit installation is complete, cable is brought in on reels and pulled from one manhole to another. Crews then splice the cable sections together in each manhole.

After construction is complete, temporary and permanent rights of way will be rehabilitated and work areas restored. The target completion date for this project is December 2025.

While planning our projects, we know the importance of gathering community feedback to inform decisions. We know that keeping construction, traffic, noise, environmental, and visual impacts to a minimum are important to you. At Dominion Energy, we know that Actions Speak Louder. Across every part of our company, we are transforming the way we do business to build a more sustainable future for the planet, our customers, our team, and our industry.

We are guided every day by a core set of values to ensure projects are successful from start to finish. We work safely, execute our jobs ethically, strive for excellence, foster innovation by welcoming new ideas, and employ strong teamwork with our colleagues and in the communities we proudly serve.

Thank you for taking the time to learn about this important project. For more information, please visit our website at dominionenergy.com/springhill or email us at powerline@dominionenergy.com.