



Morrisville-Vint Hill-Wishing Star 500 & 230 kV Project

Virtual Community Meeting
April 30, 2024

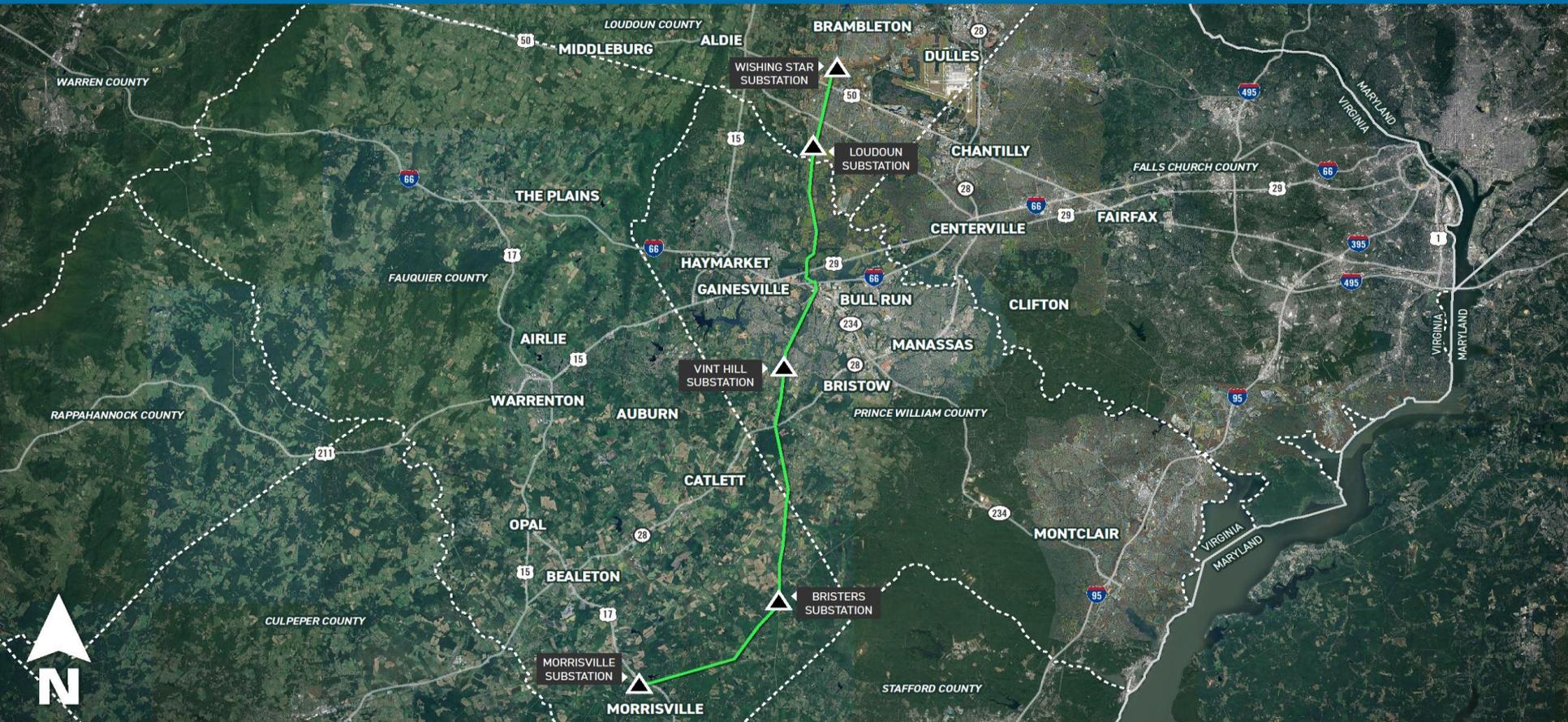


MORRISVILLE TO WISHING STAR

Transmission Line Project

Map Legend

— Transmission Line ▲ Existing Substation



What this looks like for our communities.

We must upgrade and add new energy infrastructure in the Commonwealth to ensure reliable energy supporting residential homes, commercial buildings, data centers, and vital government services.

New electric infrastructure will improve reliability for all customers in the region, enable EV growth, and help distribute cleaner energy.

We are actively engaged with our customers and other stakeholders to develop solutions and provide benefits to residential, small business, national security, or homeland defense customers.



Reliable energy for every Virginian.

Electricity is fundamental to our region's **health, safety, and economic vitality.**

Hospitals, banks, national security, education, and businesses, large and small, rely on a **robust electric grid** to power their local operations and jobs.



Key Regulatory Bodies



FERC – Exclusive jurisdiction to determine and regulate the reliability of the electric transmission grid



NERC – Regulatory authority to develop and enforce the mandatory reliability standards – criteria, data and methodology to evaluate and ensure the reliability of the bulk power system in North America



PJM – Regional transmission organization (RTO) that coordinates the movement of wholesale electricity in all or parts of 13 states and the District of Columbia; Virginia law mandates Dominion Energy's membership



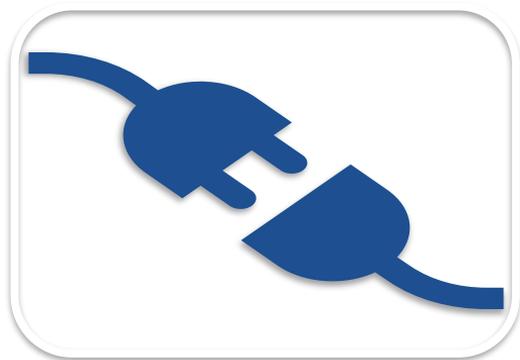
State Regulators – State Corporation Commission, Department of Environmental Quality, Department of Transportation, and others



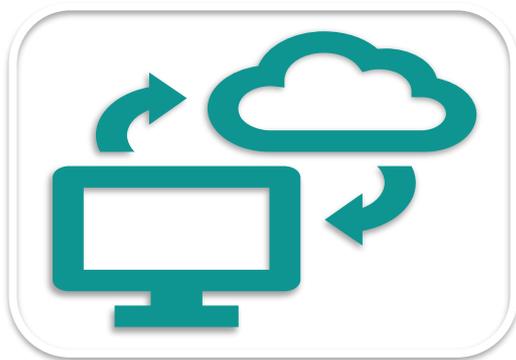
Local Governments – Regulate local land use (substations); typically, electric transmission lines equal to or less than 138 kV

The Energy Landscape is Changing

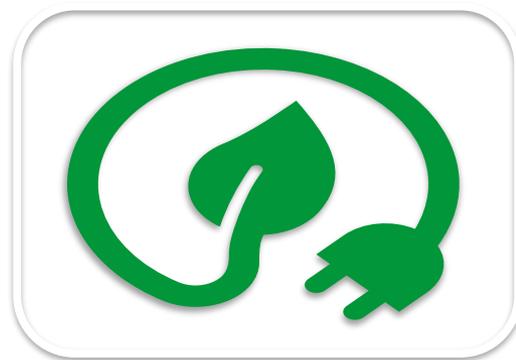
Rapidly



Electrification



“Datafication”

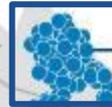


“Greenification”

Load Growth Across Virginia

Northern Virginia boasts the largest data center market in the world.¹

Loudoun County²



Data Center Alley

2020 → 2,518 MW⁴

2028 → 8,346 MW⁴

+231%

Doubling of area substations

Central/Southside

2020 → 402 MW⁴

2028 → 2,953 MW⁴

+634%

Quadrupling of area substations



Publicly disclosed data center locations³



Data center locations in Loudoun County

¹<https://www.vedp.org/industry/data-centers> ²February 2022 Loudoun County Data Center Land Study

³Data Center locations provided by Data Center Hawk ⁴Includes Co-Op load projections

GeoVoice

Sign up to provide our team with comments about the locations that matter to you. For example, you can add details about natural or historic resources in your community or more information related to your specific property.



Morrisville to Wishing Star Transmission Line Project

Welcome

Welcome to the interactive map tool for Dominion Energy's Morrisville to Wishing Star Transmission Line Project. You can use this tool to explore the proposed project and get important project updates including proposed structure information and simulated photography showing proposed infrastructure. Finally, you can use our online commenting tool, GeoVoice, to communicate directly with our team about any questions or concerns you have about the project. Thank you for helping us plan Virginia's clean energy future. What matters to you, matters to us, and we want to hear from you today.



DominionEnergy.com/MorrisvilleWishingStar



Committed to public engagement.

Dominion Energy takes our responsibility seriously to provide our customers with **safe, reliable, and secure energy.**

We're **committed** to exploring all options to address any concerns regarding these needed projects.

We're meeting with local government leaders, businesses, and the communities we serve to share our plans and **listen** to their feedback.



Thank you

May 6, 2024

