



Global Plaza Extension Electric Transmission 230 kV Project

**Virtual Community Meeting
October 21, 2026, 12 p.m.**



Para activar los subtítulos en español:

- 1) Seleccione “Captions” en la parte superior de la pantalla.
- 2) Haga clic en “Caption language”.
- 3) Seleccione “Spanish” para ver los subtítulos en español.

AGENDA

- Introduction
- Overview of the Electric Grid and it's Growing Needs
- Project Overview
- Project Area/Map
- Project Routes
- Project Timeline
- Project Simulations
- Questions and Answers
- How to Stay in Touch

Safety Moment

Halloween – Be on the lookout

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.

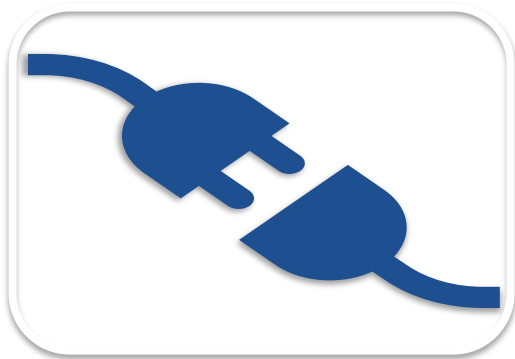
New electric infrastructure will improve reliability for all customers in the region, enable EV growth, and help distribute cleaner energy.

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.

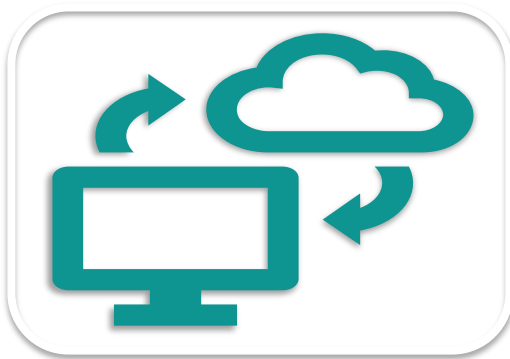


The Energy Landscape is Changing

Rapidly



Electrification



“Datafication”



“Greenification”

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



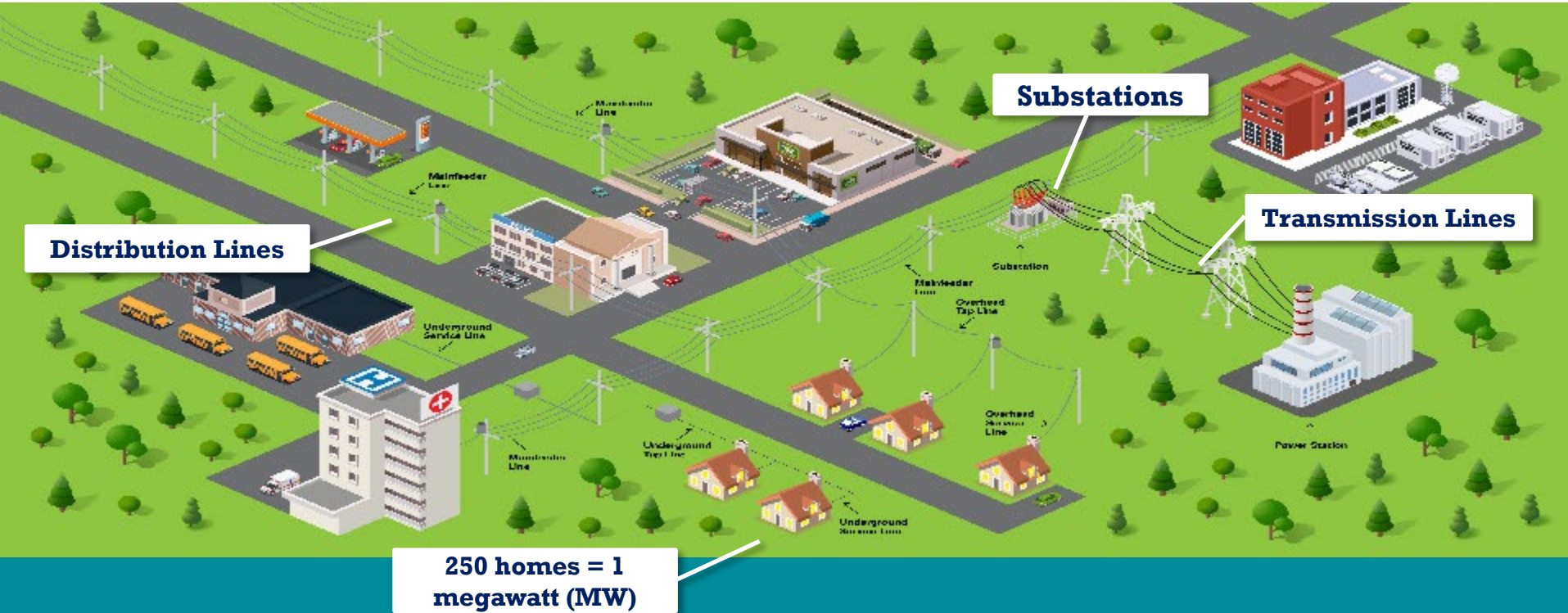
State Regulators – State Corporation Commission, Department of Environmental Quality, Department of Transportation, and others



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

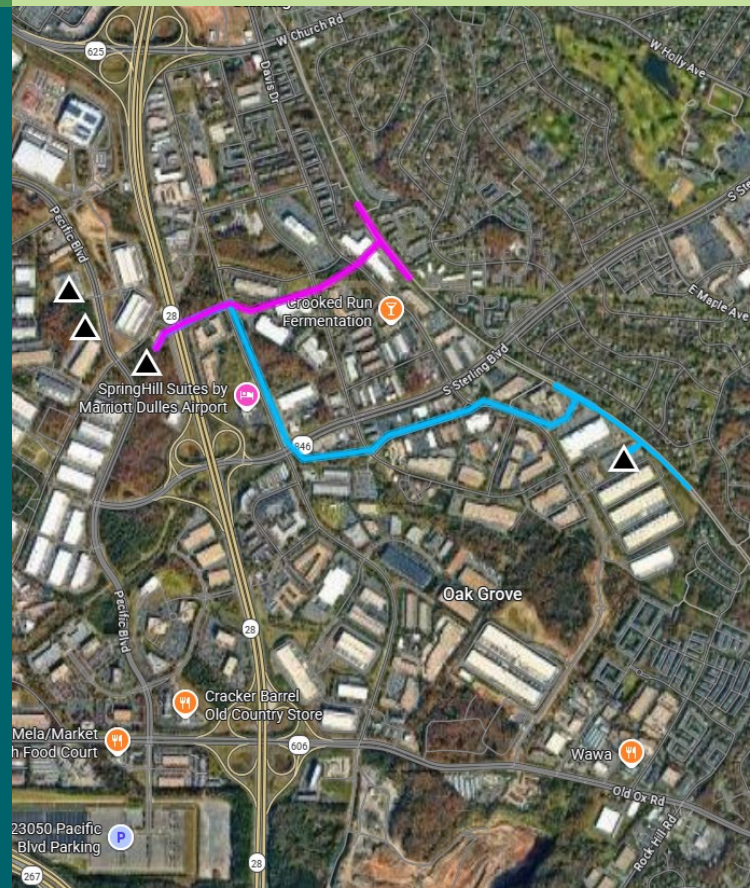
Upgrading and investing in our energy infrastructure

Sustaining reliable energy in Virginia

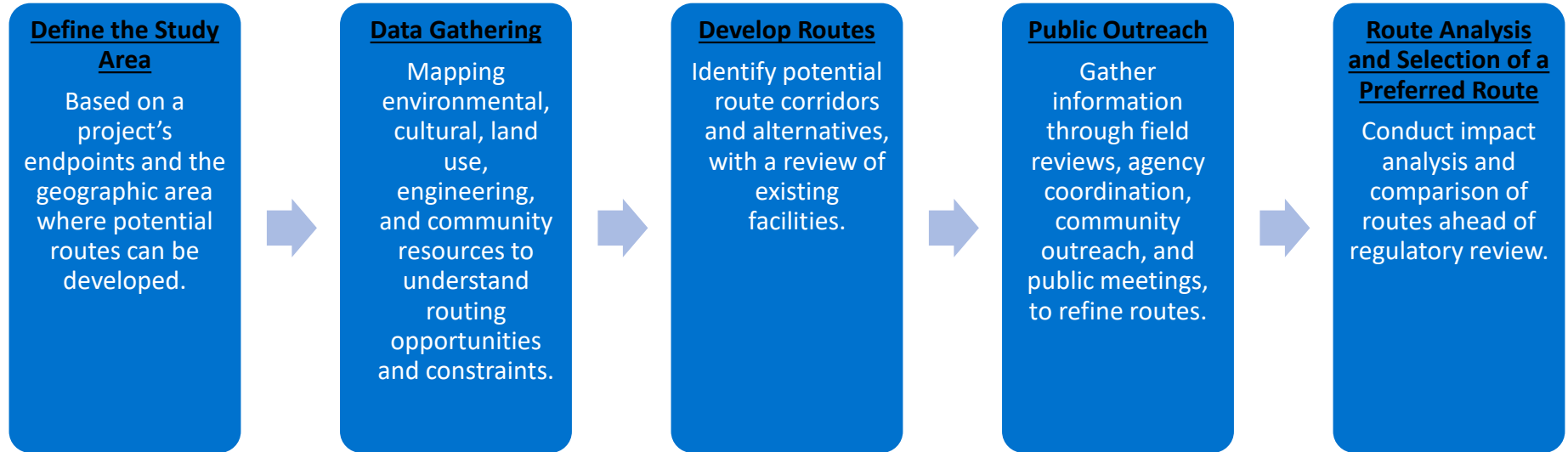


Global Plaza Extension

- Project area is in the **Sterling** area of Loudoun County.
- This project will involve adding a **new, double circuit 230 kilovolt (kV) line** that will connect two existing transmission lines.
- There are **two routes** that have been identified, **both under a mile and a half and would run through industrial/commercial area.**
- The new transmission lines would utilize **monopole structures**, similar style to what is already in the surrounding area.
- The project was identified and approved by PJM, our regional transmission operator, to provide a solution that will **enhance the electricity delivery capacity and reliability of the electric grid** as Loudoun County's power needs have grown considerably over the years.
- This project is **not directly tied to a data center.**

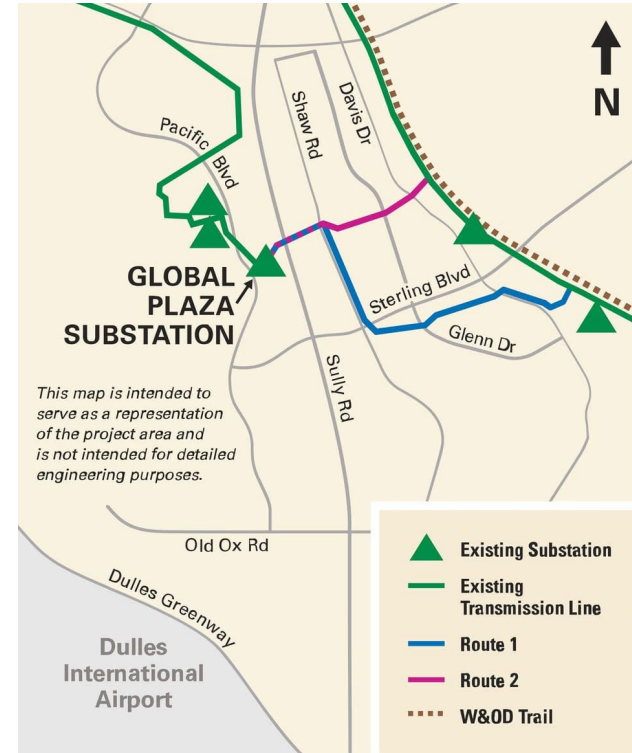


Transmission Line Routing Process



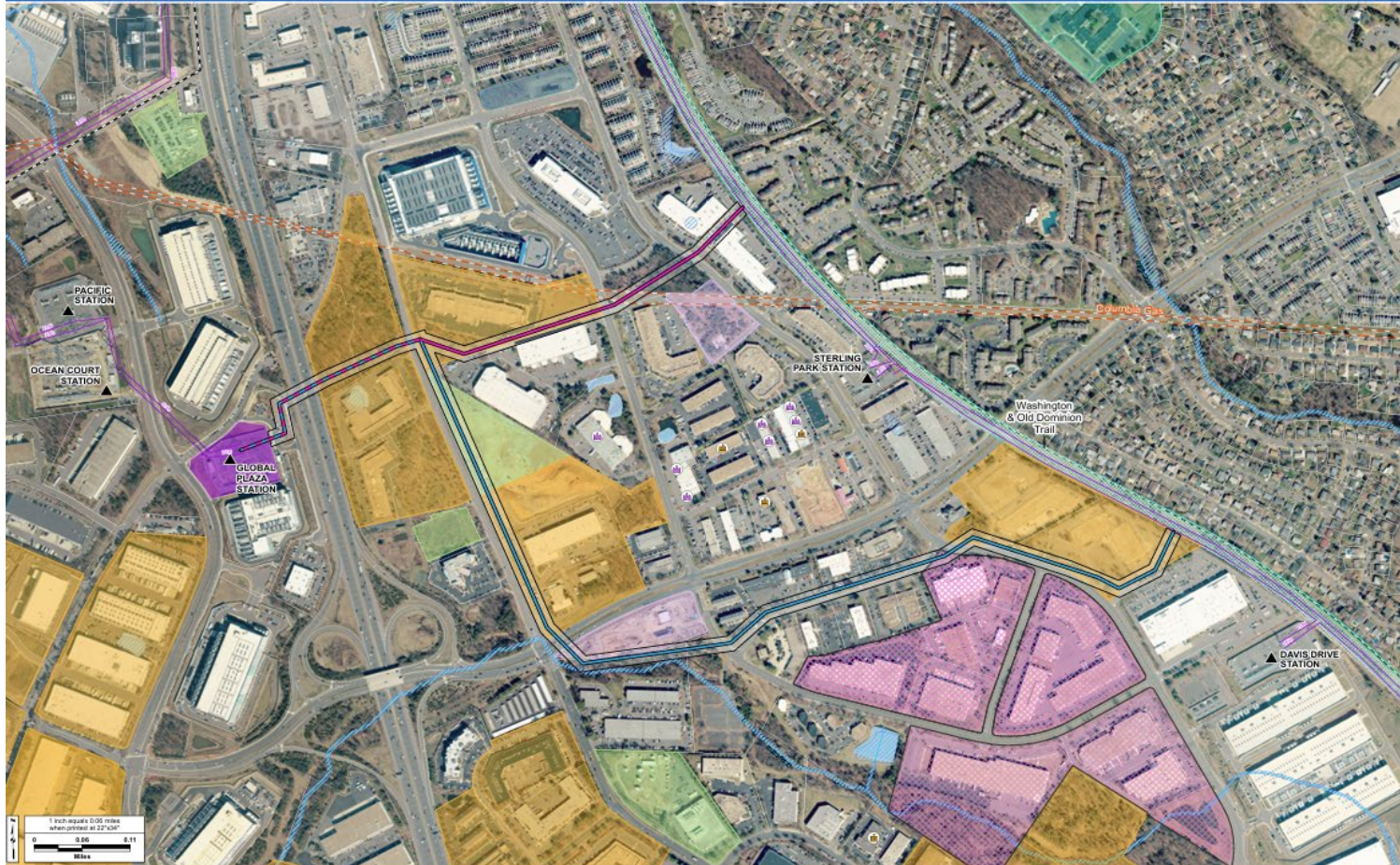
Transmission Line Routing

- The project team is reviewing two route options.
 - **Route 1 (Blue):** 1.5 miles
 - **Route 2 (Pink):** 0.7 mile
- Both routes connect the existing Global Plaza Station to a 230 kV corridor, which runs along the W&OD Trail.
- Route 1 collocates with roadways and provides a cut-in location nearest to other existing infrastructure.
- Route 2 is the shortest and most direct route to reach the project endpoints.
- Routes consider the following constraints: existing and planned developments, roadways, other utilities.



Route Alternatives

230 kV Global Plaza Extension Project



- Study Area
- Dominion Facilities**
- Existing Station
 - Existing Station Footprint
 - Existing Dominion Transmission Line
- Project Components**
- Route 1
 - Route 2
- Constraints**
- Place of Worship
 - School
- Planned Development**
- Commercial
 - Data Center
 - Flex-Industrial & Warehouse
 - Residential
- Land Use**
- County-Owned Land
 - Recreational Resource
 - Parcel
- Utility**
- Existing Natural Gas Pipeline
- Environmental**
- NHD Flowline
 - NWI Wetland



For Review Purposes Only - Routes Subject to Change

Undergrounding

- The project team is evaluating an underground solution for the Project.
- The greatest challenges are:
 - Transition Station impacts and space availability.
 - Time to construct would be a risk to the reliability in-service date.
 - Route 28 and South Sterling Boulevard may require trenchless crossing methods. Coordination and approval from VDOT would be needed.
- The Company's evaluation of undergrounding this Project will be provided to the SCC.

Project Timeline

Q3 2026

- Project Announced
- Direct engagement with stakeholders in project area



October 2026

- In-person open house on 10/15/26 (Holiday Inn Washington-Dulles)
- Virtual community meeting 10/21/26 (will be recorded as well)



December 2026

- Application filed with Virginia State Corporation Commission (SCC)

NOTE: Virginia SCC reviews and approvals typically take 9 months to a year. Construction for this project is planned to start early 2028 with an energization date of late 2029.

Project Announcement Mailer

Join us at our Community Meetings

Global Plaza Extension Electric Transmission Project

Global Plaza Extension is a proposed electric transmission project in the Sterling area of Loudoun County. New energy infrastructure is necessary to enhance the local electric grid and ensure ongoing reliability for homes and businesses. This project proposes to build a double circuit 230 kilovolt (kV) transmission line that would connect two existing transmission lines. Approximately one and a half miles of new right of way is required for this project, and multiple routes are being evaluated that would go through industrial and commercial areas.

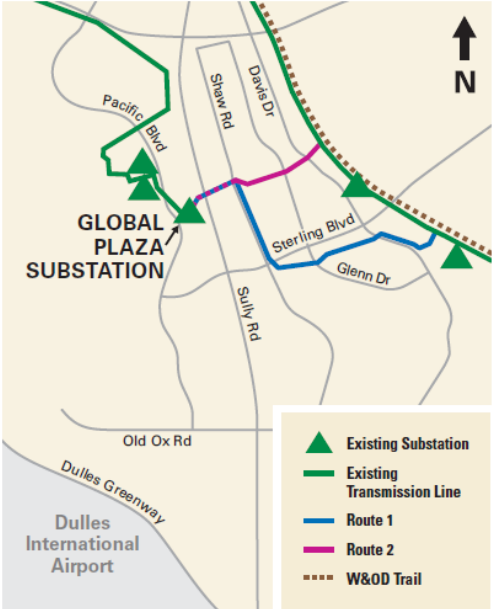


SCAN HERE
TO LEARN
MORE

Public outreach and engagement will start in the fall of 2026. The project requires approval from the Virginia State Corporation Commission (SCC), and we expect to file an application in early December 2026. Construction is expected to last from mid-2028 through the end of 2029.

This project is being designed and constructed to meet today's safety and reliability standards — so you can get the power you need when you need it. You are invited to learn more about this work during our two community meetings. Please visit the project website at DominionEnergy.com/GlobalPlazaExtension for more information.

Protecting the grid against natural and man-made acts is a top priority. You can learn more about our commitment to safety at powerlines101.dominionenergy.com.



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

MEETING DETAILS

IN-PERSON

October 15, 5:30 p.m. – 7:30 p.m.
Holiday Inn Washington-Dulles
45425 Holiday Drive, Sterling, VA 20166

VIRTUAL

October 21, 12:00 p.m. – 1:00 p.m.
Link on project website



Ask
questions



In person
meeting



Virtual
meeting

CONTACT US

Website: DominionEnergy.com/GlobalPlazaExtension
Email: powerline@dominionenergy.com
Phone: 888-291-0190

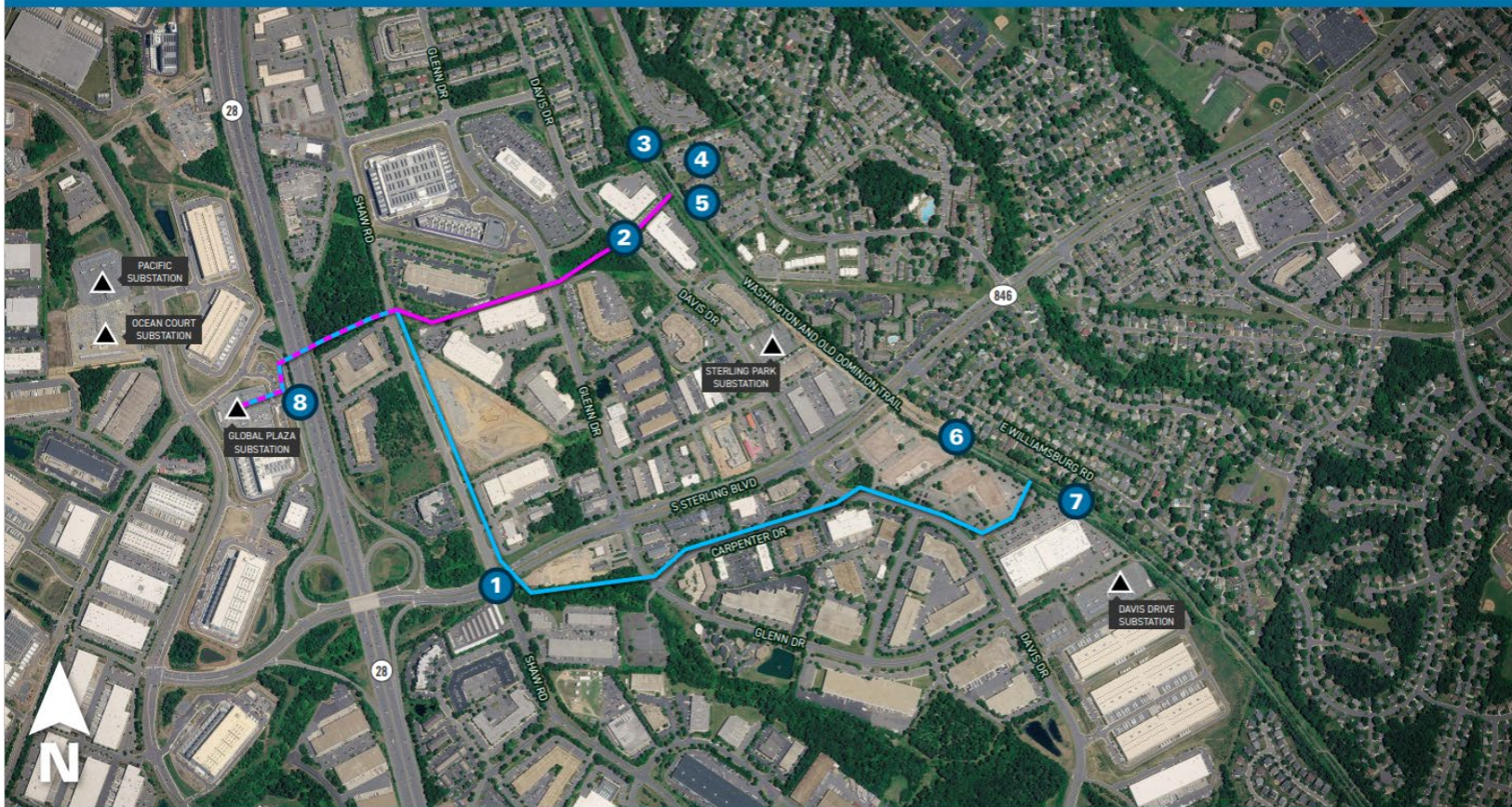
NOTE: Mailed September 2026. Sent with Spanish translation and posted to project website.

GLOBAL PLAZA EXTENSION

Transmission Line Project

Photo Location Map

1 Viewpoint Location — Route 1 — Route 2 ▲ Existing Substation



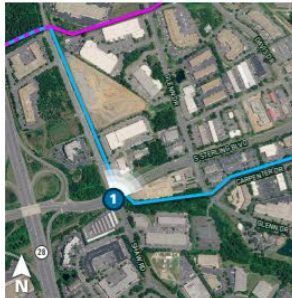
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 1

Date: 7/1/2026 Time: 3:29 pm

Viewing Direction: Northeast



- 1 Viewpoint Location
- Route 1
- Route 2

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



EXISTING CONDITIONS



PROPOSED CONDITIONS

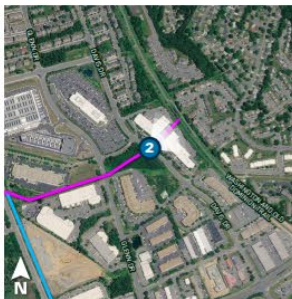
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 2

Date: 7/1/2026 Time: 4:38 pm

Viewing Direction: Northeast



- Viewpoint Location
- Route 1
- Route 2

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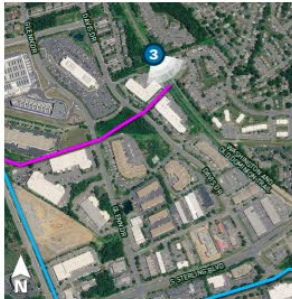
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 3

Date: 7/1/2026 Time: 4:43 pm

Viewing Direction: Southeast



- 3 Viewpoint Location
- Route 1
- Route 2

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



EXISTING CONDITIONS



PROPOSED CONDITIONS

Note: Our team has engaged with NOVA Parks and are actively discussing solutions for replanting in areas where vegetation would need to be removed.

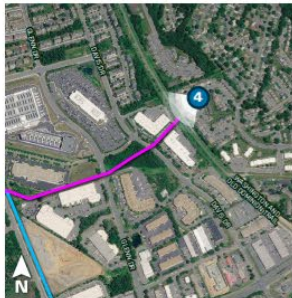
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 4

Date: 7/1/2026 Time: 4:50 pm

Viewing Direction: Southwest



- Viewpoint Location
- Route 1
- Route 2

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EXISTING CONDITIONS



PROPOSED CONDITIONS

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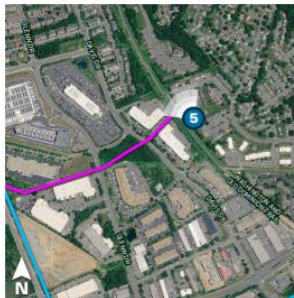
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 5

Date: 7/1/2026 Time: 4:56 pm

Viewing Direction: Northwest

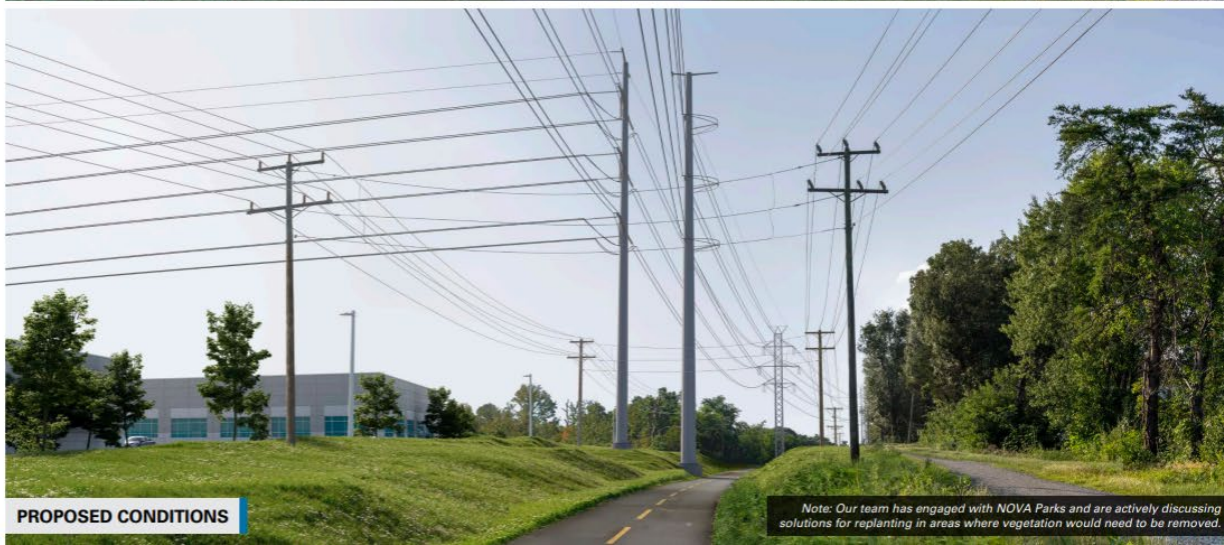


- Viewpoint Location
- Route 1
- Route 2

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EXISTING CONDITIONS



PROPOSED CONDITIONS

Note: Our team has engaged with NOVA Parks and are actively discussing solutions for replanting in areas where vegetation would need to be removed.

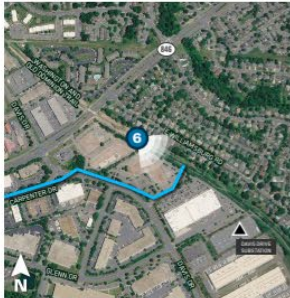
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 6

Date: 11/4/2026 Time: 11:18 am

Viewing Direction: Southeast

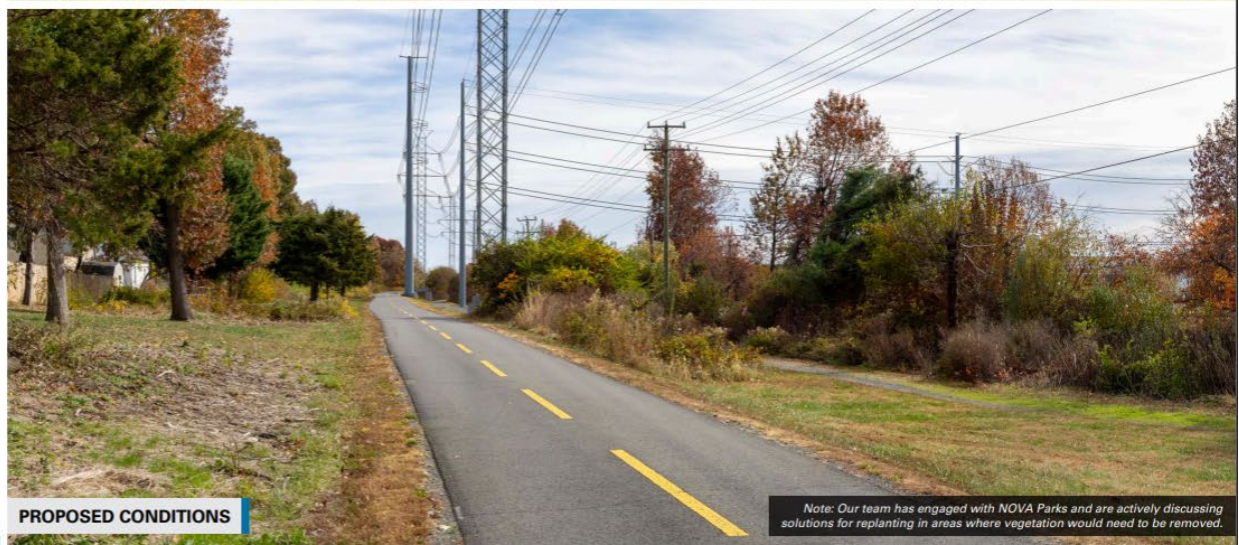


- Viewpoint Location
- Route 1
- Existing Substation

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EXISTING CONDITIONS



PROPOSED CONDITIONS

Note: Our team has engaged with NOVA Parks and are actively discussing solutions for replanting in areas where vegetation would need to be removed.

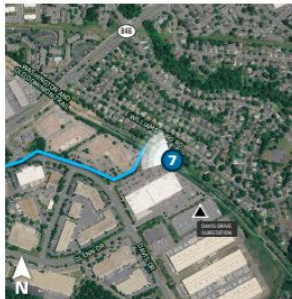
GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 7

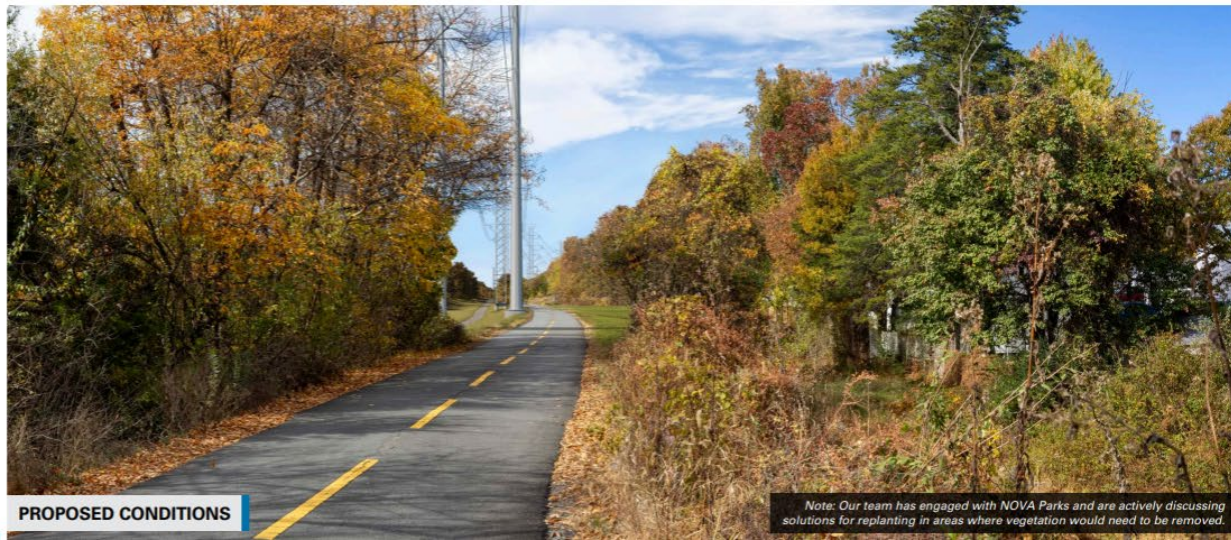
Date: 11/4/2026 Time: 11:10 am

Viewing Direction: Northwest



- 7 Viewpoint Location
- Route 1
- Existing Substation

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



Note: Our team has engaged with NOVA Parks and are actively discussing solutions for replanting in areas where vegetation would need to be removed.

GLOBAL PLAZA EXTENSION

Transmission Line Project

Viewpoint 8

Date: 8/18/2026 Time: 11:19 am

Viewing Direction: North



- Viewpoint Location
- Route 1 Route 2
- Existing Substation

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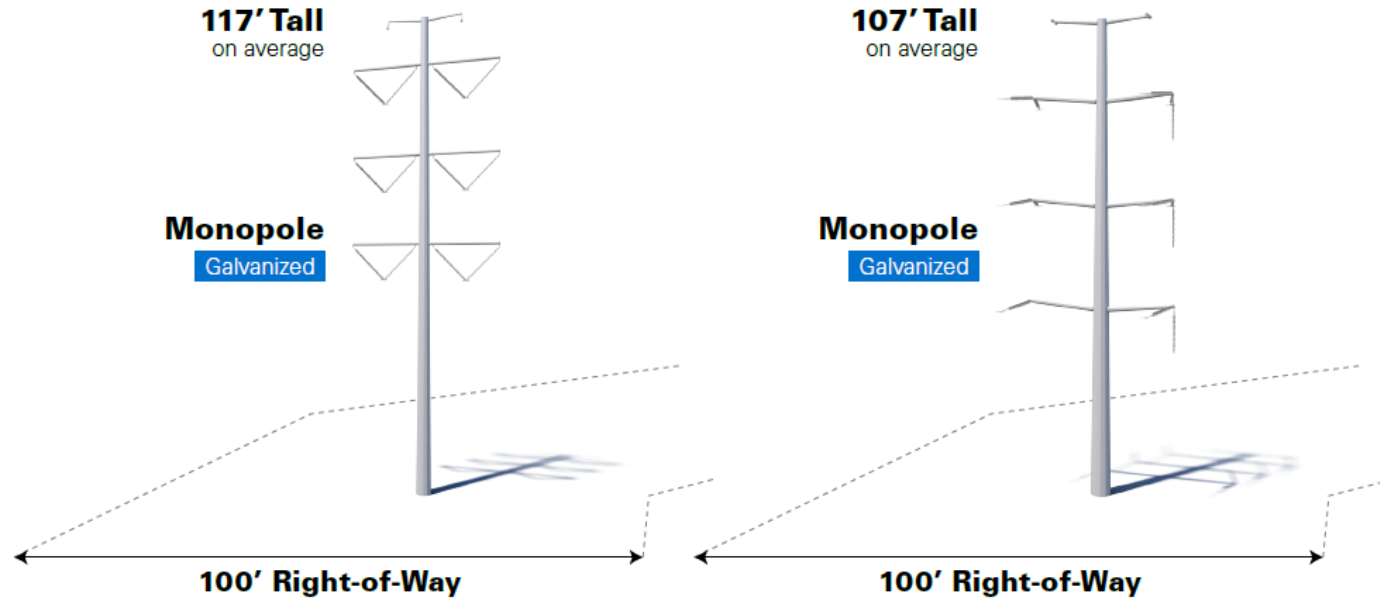


EXISTING CONDITIONS

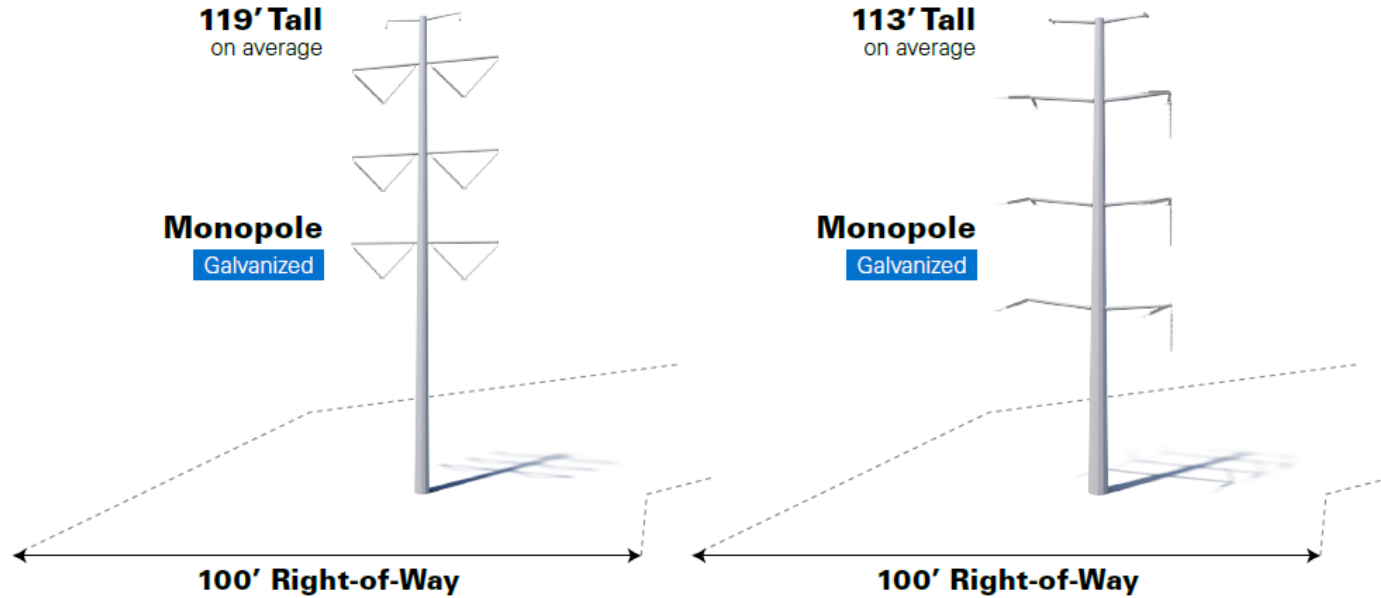


PROPOSED CONDITIONS

Route 1



Route 2



Q&A

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.





Global Plaza Extension

[About](#) / [Delivering Energy](#) / [Electric Projects](#) / [Power Line Projects](#)



Improving the reliability and meeting
growing needs in Loudoun County.

To support continued growth and maintain reliable electric service in Loudoun County, a new double-circuit 230 kV transmission line is proposed to connect two existing transmission lines.

[Project Details ▲](#)

[Community Engagement ▾](#)

[What to Expect ▾](#)

[Legal ▾](#)

Stay Informed

Information about project and
engagement opportunities are
posted on our project website:

**DominionEnergy.com/
GlobalPlazaExtension**

Stay In Touch

Email: powerline@dominionenergy.com

Phone: 888.291.0190

DominionEnergy.com/globalplazaextension

Thank you!