

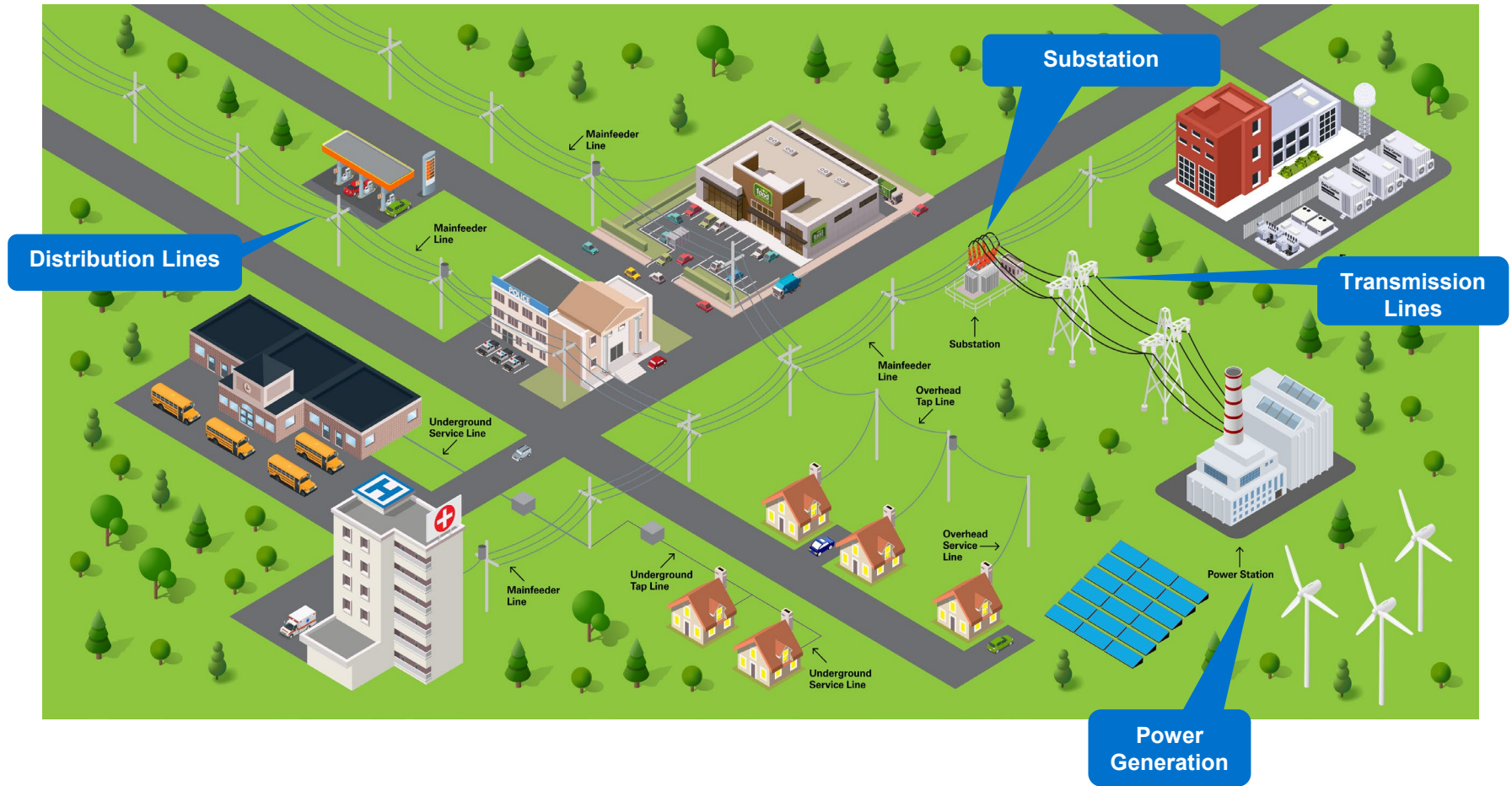
Hollymeade Substation Expansion

SP2022-00021

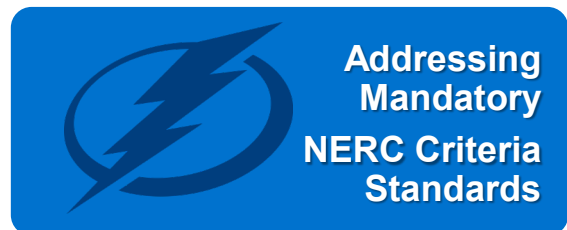


Places 29-North Community Advisory Committee
October 13, 2022

Substations: A Vital Role in the Energy Grid

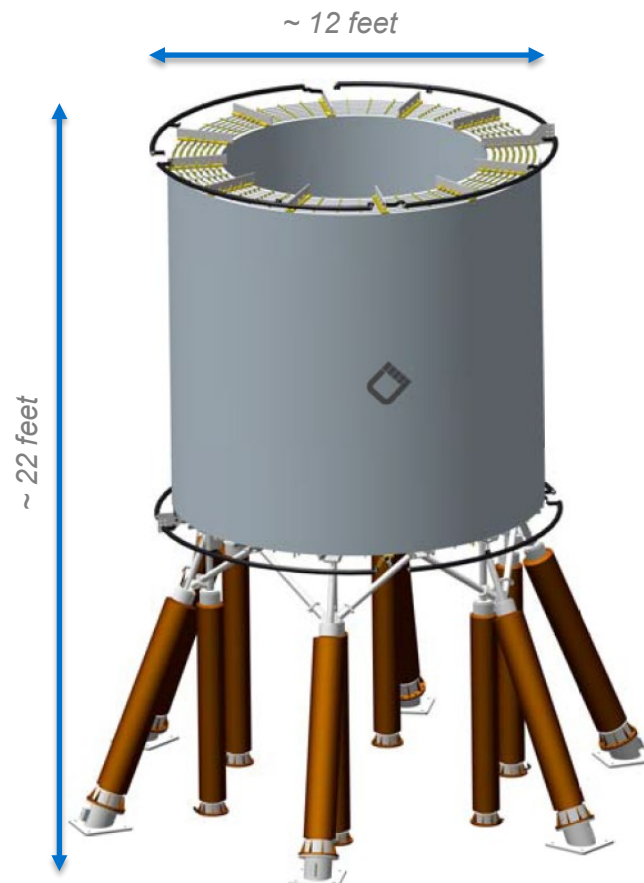


Forces Driving Infrastructure Need



Project Scope

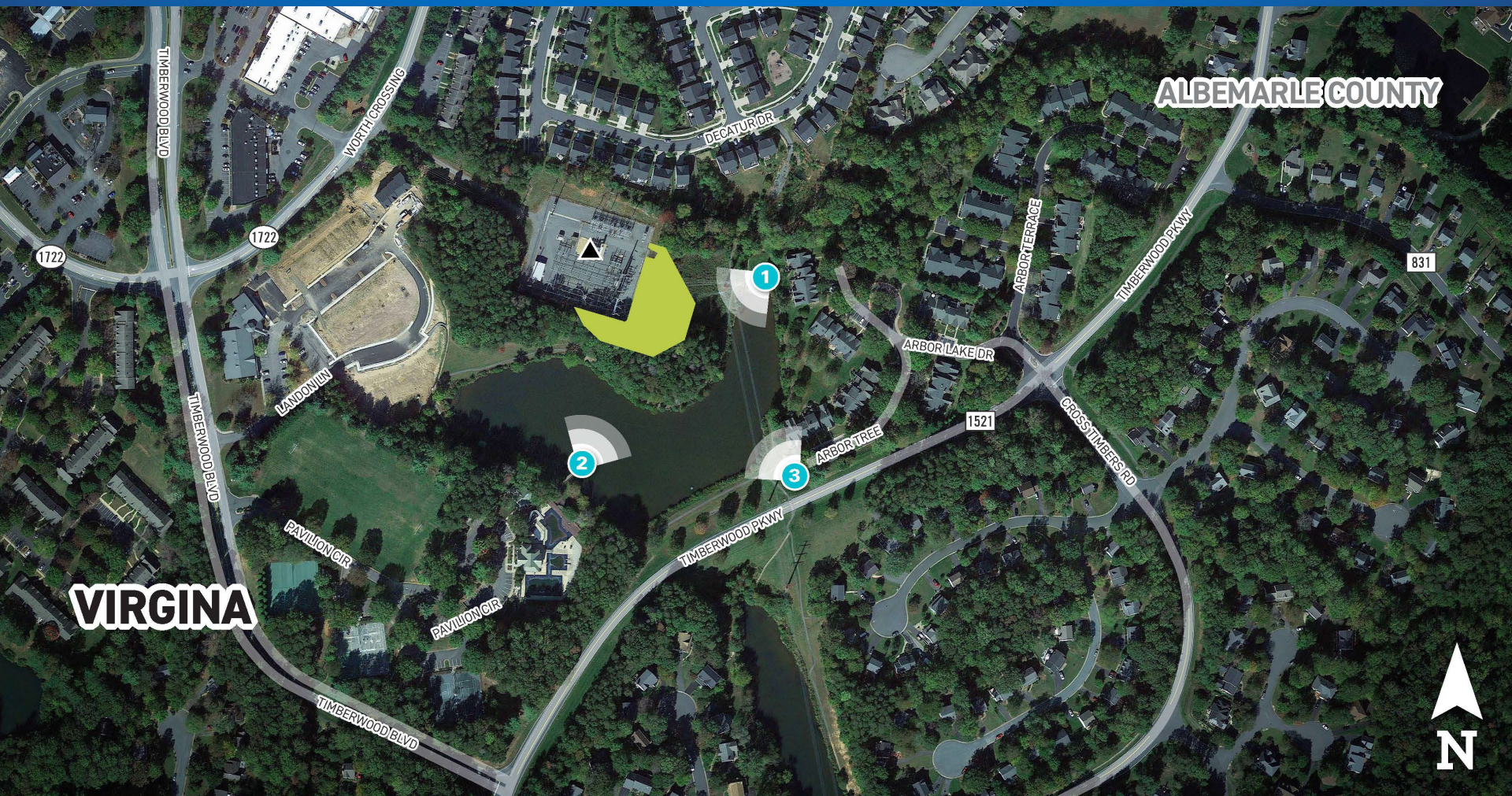
- Expand Hollymeade Substation to accommodate electric transmission air core series reactors and related equipment
- New equipment will regulate current on electric transmission lines, preventing service issues on congested lines
- Purpose:
 - Extend life of existing equipment
 - Maintain reliable service



HOLLYMEADE SUBSTATION

Photo Location Map

1 Viewpoint Location ▲ Existing Substation Proposed Substation Expansion



HOLLYMEADE SUBSTATION

Simulation 1

Date: 09/13/2022 Time: 2:17 pm

Viewing Direction: Southwest

1 Viewpoint Location ▲ Existing Substation
Proposed Substation Expansion



EXISTING CONDITIONS



PROPOSED CONDITIONS

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

HOLLYMEADE SUBSTATION

Simulation 2

Date: 09/13/2022 Time: 2:38 pm

Viewing Direction: Northeast

2 Viewpoint Location ▲ Existing Substation
Proposed Substation Expansion



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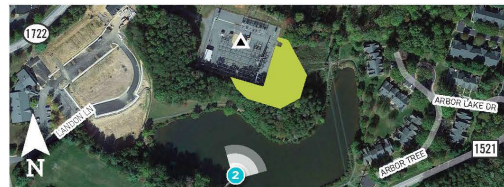
HOLLYMEADE SUBSTATION

Simulation 2

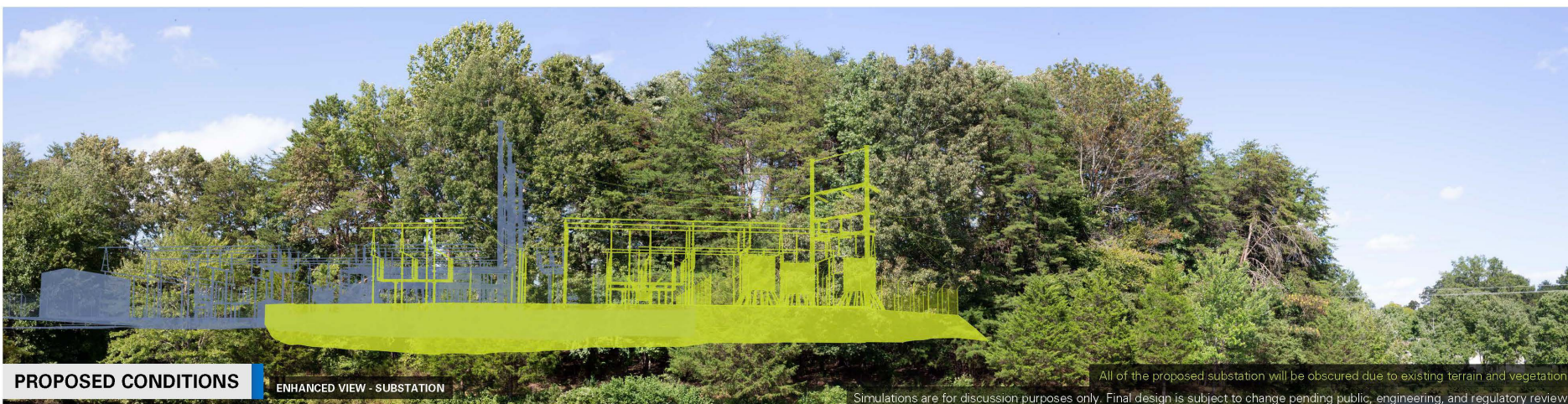
Date: 09/13/2022 Time: 2:38 pm

Viewing Direction: Northeast

2 Viewpoint Location ▲ Existing Substation
Proposed Substation Expansion



EXISTING CONDITIONS



PROPOSED CONDITIONS

ENHANCED VIEW - SUBSTATION

All of the proposed substation will be obscured due to existing terrain and vegetation.

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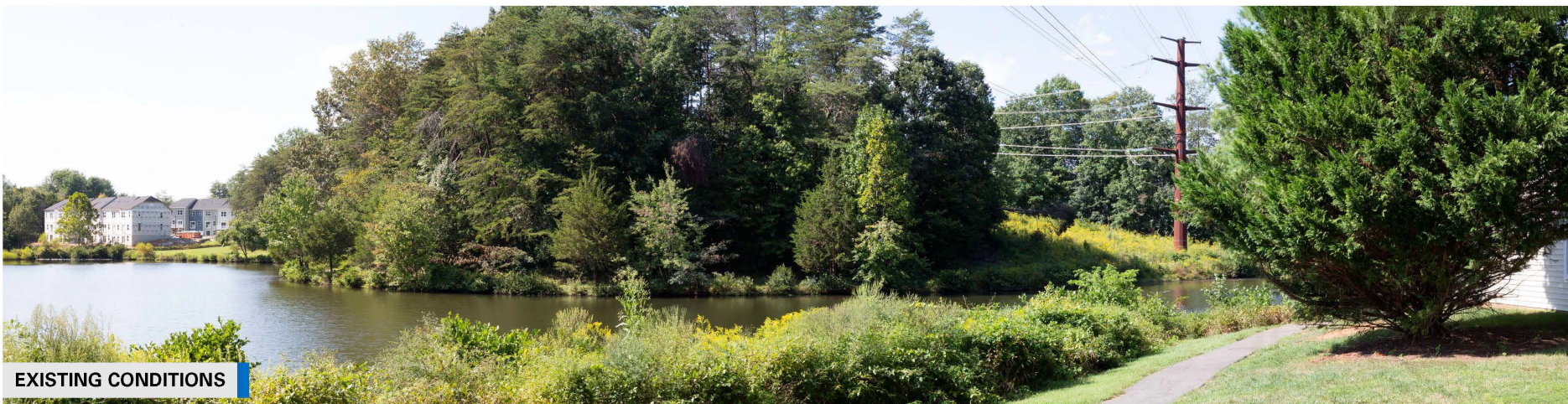
HOLLYMEADE SUBSTATION

Simulation 3

Date: 09/13/2022 Time: 2:24 pm

Viewing Direction: Northwest

3 Viewpoint Location ▲ Existing Substation
Proposed Substation Expansion



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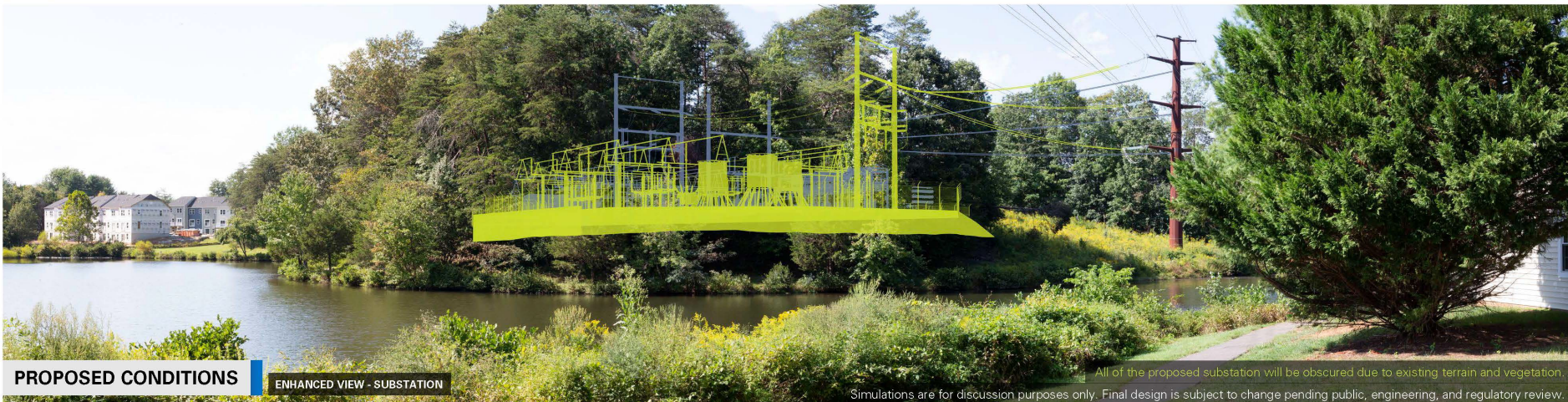
HOLLYMEADE SUBSTATION

Simulation 3

Date: 09/13/2022 Time: 2:24 pm

Viewing Direction: Northwest

3 Viewpoint Location ▲ Existing Substation
Proposed Substation Expansion



All of the proposed substation will be obscured due to existing terrain and vegetation.
Simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

Minimizing Environmental Impacts



Project Timeline

Early 2022	Solution approved by PJM
Summer 2022	Permitting process began
Fall/Winter 2022	Public permitting meetings
Spring 2023	Pending permits and approvals, construction begins
Fall 2023 (anticipated)	Complete construction and restore impact work areas

Thank You

- For more information, please visit: DominionEnergy.com/hollymeade
- You can submit all future questions via email Powerline@dominionenergy.com or by [calling 888-291-0190](tel:888-291-0190)

