

# Glebe Substation Rebuild & Potomac Yards Terminal Station Undergrounding Project

*Update: February 27, 2019*



# Original Project Drivers

## NERC Reliability Issues Across Existing System (Spring 2014 – Summer 2018):

Overloads:

Ox 500/230kV Tx #1

Ox 500/230kV Tx #2

230kV Line Hayfield to Va Hills

230kV Line South Carlyle to N. Potomac Yards

230 kV Line Ox to Occoquan

230 kV Line Franconia to Belvoir

## Proposed New Line: Glebe – Potomac River

Tie-line strengthens the grid in Arlington & Alexandria and improves operational performance for Dominion Energy Virginia / Pepco customers



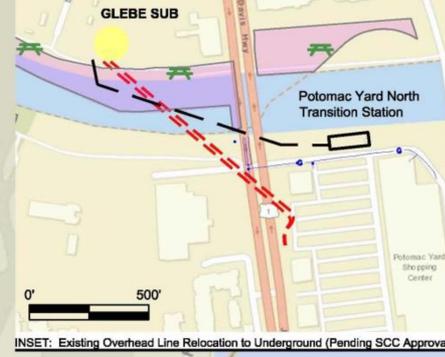
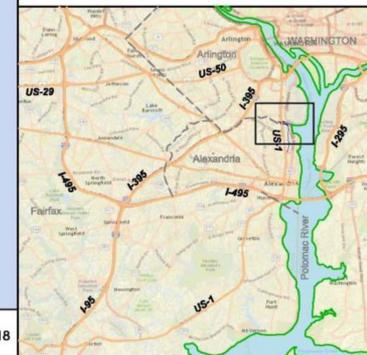
# Current Project Drivers

- North Potomac Yards original special use permit has expired
  - Dominion Energy required to vacate location by 2021
  - Proposal to underground lines/structures on Richmond Hwy and under Four Mile Run
  - Cost \$52.5 M
- Glebe Substation rebuild
  - Existing 230 kilovolt (kV) facilities have reached end of life
  - Gas-insulated substation (GIS) needed to make room for new underground lines
  - Cost \$69 M

### Glebe Substation Rebuild / Potomac Yard Proposal Highways, Railroads, Streets, Parks, Open Space, Schools, Hospitals, Airports, Convalescent Centers, & Churches

-  Existing Substation
-  Existing Overhead Line Relocation to Underground
-  Railroad Line
-  Existing Overhead Line
-  Gas Line
-  Schools
-  Places of Worship
-  Parks & Open Space
-  Airport

County of Arlington / City of Alexandria



# Target Schedule

|                          |   |
|--------------------------|---|
| <b>Late January 2019</b> | <ul style="list-style-type: none"><li>- Provided update to locality staff</li><li>- Sent cultural advocacy letters to stakeholders</li><li>- Ongoing updates to project website</li></ul>           |
| <b>February 2019</b>     | <ul style="list-style-type: none"><li>- Review notes from staff</li><li>- Review feedback from cultural advocacy groups</li><li>- Ongoing meetings with community/civic associations</li></ul>      |
| <b>March 2019</b>        | <ul style="list-style-type: none"><li>- Send communication to community residents/businesses</li><li>- Submit application to VA State Corp. Commission (SCC)<br/>– March 7, 2019</li></ul>          |
| <b>TBD</b>               | <ul style="list-style-type: none"><li>- SCC Procedural Order issued</li><li>- Local public hearing</li><li>- Public evidentiary hearing</li><li>- Order issued, construction schedule set</li></ul> |
| <b>May 2022</b>          | <ul style="list-style-type: none"><li>- Target energize date</li></ul>  |