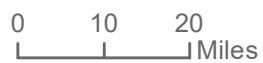


DRAFT 10/5/2023 Proposed Transmission Lines to Serve Data Centers

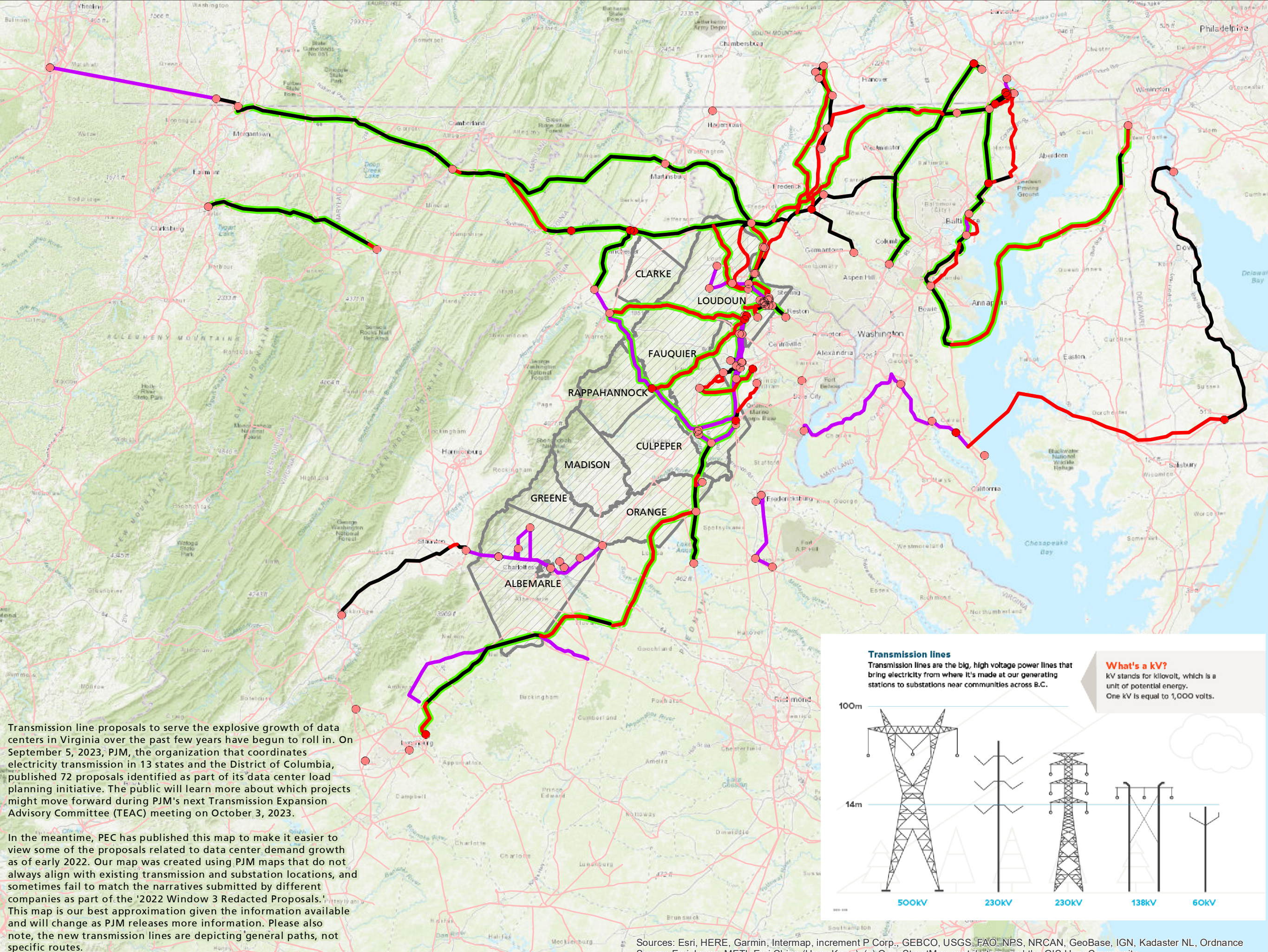


- PEC Service Area
- Electric Transmission Lines
- Proposed Transmission Lines up to 500 kV
 - New Transmission Line
 - Expand Existing Right of Way
 - Rebuild in Existing Right of Way
 - Short List Projects 10-3-23
- Substations
 - New Substations
 - Expanded Substation



Transmission line proposals to serve the explosive growth of data centers in Virginia over the past few years have begun to roll in. On September 5, 2023, PJM, the organization that coordinates electricity transmission in 13 states and the District of Columbia, published 72 proposals identified as part of its data center load planning initiative. The public will learn more about which projects might move forward during PJM's next Transmission Expansion Advisory Committee (TEAC) meeting on October 3, 2023.

In the meantime, PEC has published this map to make it easier to view some of the proposals related to data center demand growth as of early 2022. Our map was created using PJM maps that do not always align with existing transmission and substation locations, and sometimes fail to match the narratives submitted by different companies as part of the '2022 Window 3 Redacted Proposals.' This map is our best approximation given the information available and will change as PJM releases more information. Please also note, the new transmission lines are depicting general paths, not specific routes.



Transmission lines
Transmission lines are the big, high voltage power lines that bring electricity from where it's made at our generating stations to substations near communities across B.C.

What's a kV?
kV stands for kilovolt, which is a unit of potential energy. One kV is equal to 1,000 volts.

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Map created by PEC for presentation purposes only. Data Source: PJM TEAC RTEP 2022 Window 3 proposals, not all transmission proposals are shown. Although efforts have been made to verify data, accuracy is not guaranteed. For more information please visit pecva.org. 9/21/2023 | Watsun Randolph