

The Mid-Atlantic Power Pathway Solution

Much of the East Coast relies on a congested power system that cannot meet rising demand without significant upgrades. As per a report on the U.S. energy infrastructure, 'electricity demand has increased by about 25 percent since 1990, while construction of transmission facilities decreased by about 30 percent.'¹ Meanwhile the demand for power in this region is projected to increase by nearly 20 percent over the next 10 years.²

¹ASCE Report, <http://www.infrastructurereportcard.org/fact-sheet/energy>

²PJM Load Forecast Report January 2010

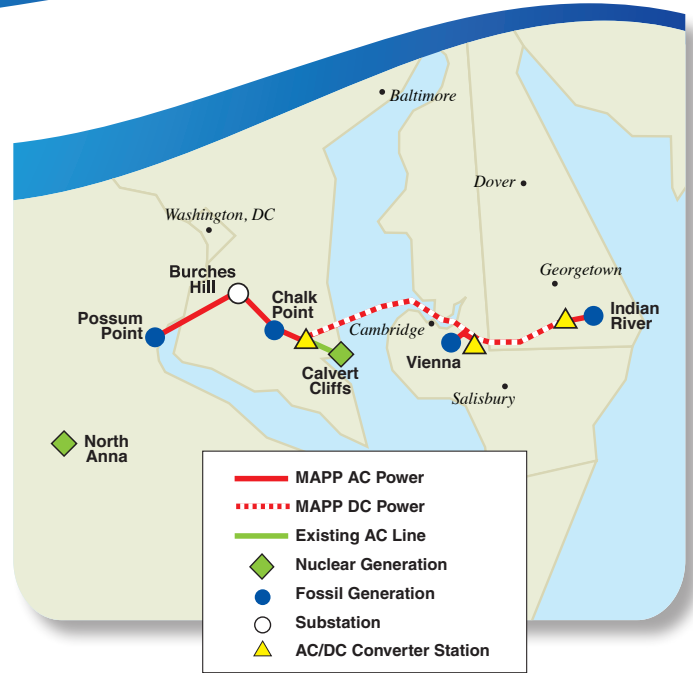
The Mid-Atlantic Power Pathway, a 152 mile transmission line, is part of the solution to providing reliable, cost-effective electricity to the Mid-Atlantic region. It will:

- Improve the flow of electricity on Maryland's western shore
- Complement other planned transmission projects by transporting bulk energy throughout the region
- Support local transmission and distribution systems used by SMECO, BGE and Pepco in southern Maryland by improving the ability to transport power to the area
- Enable renewable projects to move power throughout the region
- Relieve an overloaded transmission system to better serve customers

Sensitive to Environmental and Community Concerns

Pepco understands that there will be environmental and community concerns associated with the construction of this new line and is taking a comprehensive approach to planning. Our priority is to minimize impacts to the natural resources along the entire route.

- Almost 100 percent of the line in southern Maryland will be built on, or adjacent to, existing transmission lines
- Approximately 83 percent of MAPP's AC segment in southern Maryland will involve only adding new wires to existing transmission structures
- Before construction begins, environmental and archeological studies in the Bay, wetlands and other sensitive areas will be completed
- The most advanced underwater line placement technology for the crossing of the Chesapeake Bay and Choptank River will be used
- A majority of oyster repletion areas will be avoided, with mitigation for any that are disturbed
- The company continues gathering input from landowners, residents, environmental groups and government officials throughout the process



Key Stats for Southern Maryland

- MAPP will connect to lines that serve the District of Columbia, Maryland, and Delaware
- Approximately 152 miles* long, with 66 miles* in Southern Maryland
- The segment in Southern MD will consist of 63 miles of AC (alternating current) lines and 3 miles* of DC (direct current) lines
- The AC portion will consist of:
 - 30 miles in Charles County
 - 24 miles in Prince George's County
 - 9 miles in Calvert County
- The DC portion* will consist of 3 miles in Calvert County
- An AC/DC converter will be located in Calvert County
- MAPP is needed in the 2019-2021 timeframe
- Local counties in which construction occurs will receive annual tax revenue from MAPP (actual tax benefit dependent on the final design)

*Final distance dependent on agency approved and permitted route