

The Mid-Atlantic Power Pathway Solution

Much of the East Coast relies on a congested power system that can't 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 years².

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

²PJM Load Forecast Report January 2010

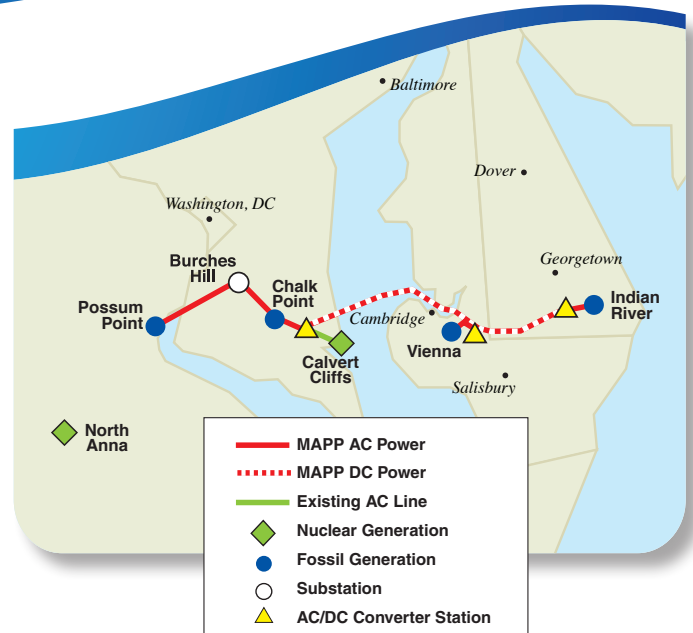
The Mid-Atlantic Power Pathway, a 152 mile transmission line, is part of the solution to providing reliable, cost-effective electricity to the Mid-Atlantic region. As the first major power line to connect Southern Maryland with the Delmarva Peninsula, it will:

- Create an additional path to transport power to the Delmarva Peninsula, providing access to electricity generation sources west of the Chesapeake Bay
- Complement other planned transmission projects by transporting bulk energy throughout the Mid-Atlantic region
- Support local transmission and distribution systems used by Delmarva Power, and cooperative and municipal electric companies, such as Choptank Electric, by improving the ability to import power to the region
- Relieve an overloaded transmission system to better serve customers on the Delmarva Peninsula and stabilize increasing costs
- Enable renewable projects to move power throughout the region

Sensitive to Environmental and Community Concerns

Delmarva Power 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 natural resources along the entire route.

- Approximately 73 percent* of the line on the Delmarva Peninsula will be built on or adjacent to existing transmission lines
- 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 the Delmarva Peninsula

- MAPP will connect to lines that serve the District of Columbia, Maryland, and Delaware
- The line will be approximately 152 miles* long, with 47 miles* on the Delmarva Peninsula
- The portion on the Delmarva Peninsula will consist of 41 miles* of DC (direct current) lines and 6 miles* of AC (alternating current) lines
- The DC portion* will consist of:
 - 13 miles in Dorchester County
 - 7 miles in Wicomico County
 - 21 miles in Sussex County
- The AC portion* will consist of 6 miles in Sussex County, Delaware
- AC/DC converters will be located in Wicomico and Sussex Counties
- 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