

At Pepco, our purpose is delivering safe, reliable, and affordable energy to our customers and communities in the District of Columbia and Maryland. We are committed to managing and maintaining the existing energy grid and planning for the future needs of our customers.

The Capital Grid Project promotes enhanced reliability and strengthens our energy grid.

Since we retired our power plants in the District, nearly all energy is imported from outside the city via radial or point-to-point transmission lines. Four passages of transmission lines are supplying energy to the Capital region, including the District of Columbia, and Prince George’s and Montgomery counties. If any of the transmission lines lost power, it could lead to an outage of several days to several weeks.

Aging transmission and substation infrastructure poses risks to the energy grid, and we must protect and strengthen it. That is why we are implementing the Capital Grid Project, a major effort that will allow us to better serve our customers in the District and Maryland.

The Capital Grid Project is a forward-looking plan that will:


- Upgrade three existing substations in the District and Maryland
- Construct one new substation to serve areas projected to see high growth
- Build a new 10-mile underground transmission line to connect the substations and create a networked system through which we deliver electricity to our customers


Solar energy capacity for customers will expand.


There is growing interest in customer-generated power such as rooftop solar. At Pepco, we continue to support this interest by advancing technologies that empower customers, promote sustainable solutions, and drive a 21st century economy. The project will expand the transmission network, modernize the energy grid, and increase the grid’s capacity. Adding capacity will allow the grid to accommodate more customer-generated power in the future.


Capital Grid Project Benefits

The Capital Grid Project provides many long-term benefits to our customers across the Capital region.

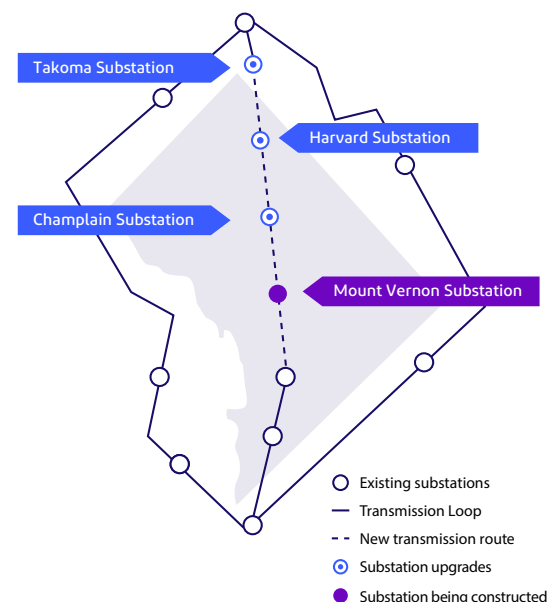
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Enhanced Service New infrastructure that will reduce the strain on surrounding areas, improving service for customers
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Stronger System Enhancements that will lessen the impact and speed recovery from storms and other emergencies
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Added Capacity A more robust energy grid to handle energy needs, as the District experiences rapid residential and commercial development
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Economic Support Increased opportunities for minority, women, veteran and disabled local businesses and contractors to support project work as we energize the diverse, local communities where we live and work



The new Mt. Vernon substation will strengthen the energy grid to safely serve the District of Columbia now and in the future.

Mt. Vernon Substation Overview

The Mount Vernon Substation is a sensible and critical solution to deliver energy to both existing and future families and businesses in the Shaw, Mount Vernon, Northwest One, and NoMa neighborhoods. The area surrounding the planned substation is growing rapidly and adding this facility will ensure the grid is equipped to continue serving our customers in this community.

Selecting a Location:

Pepco engineers analyzed more than 10 potential sites for the substation. They looked at:

- The part of the grid where the substation is needed, called a “load center”
- The land available in the load center
- The existing infrastructure in potential sites

This review identified the current site as the optimal location for the substation.

Substation Benefits

The Mount Vernon substation will benefit the community in a number of ways:

- Safe, reliable energy
- Lighting for pedestrian safety
- Quiet operation
- Showcase for community artwork

Safety is a Top Priority

During all phases of the Mt. Vernon Substation construction, our highest priority is the safety of our customers, the community, our employees, and the environment. We incorporated safety in the technical design of our equipment, our energy grid, and our substation. In addition, the layout of our exterior landscape incorporates security features to protect our system.

We Value Community Participation

We welcome the opportunity to work with residents and business owners to gather public feedback and input. We are committed to keeping customers informed every step of the way through the project webpage, community meetings, and social media. To find a community meeting in your neighborhood, visit www.pepco.com/CapitalGrid.



Need more information?

For additional information about the Capital Grid Project, please call **1-833-CAP-GRID (277-4743)**, email CapitalGrid@pepco.com, or visit our website at pepco.com/CapitalGrid

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