

MOUNT VERNON SUBSTATION

FACT SHEET



An Exelon Company

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



Overview: Mount Vernon Substation

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.



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Pepco's commitment to community

At Pepco, we care about the communities we serve, and we take seriously our commitment to deliver safe, reliable, and affordable energy to all customers. The new Mount Vernon substation will upgrade the grid to ensure continued reliability and enhanced sustainability for current and future residents in this community.

Safety

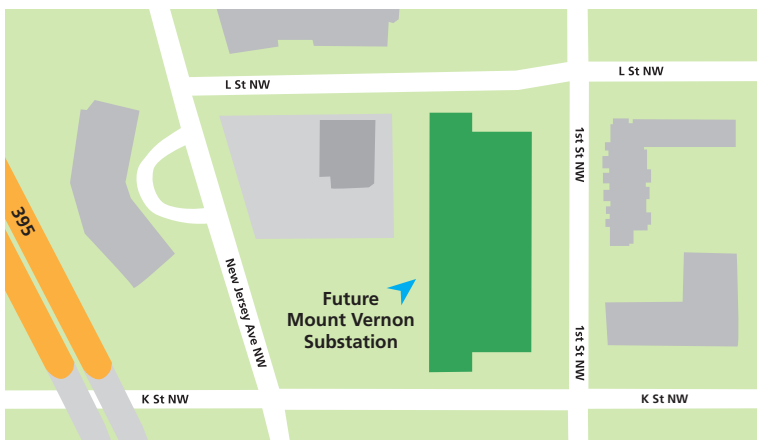
We have the privilege of providing energy to all District residents, and to do that, Pepco operates 49 substations across all eight Wards of the District. These substations are downtown next to office buildings, in residential neighborhoods, and near high end shopping centers, and they operate safely every day to power the District. In doing so, Electric and Magnetic Fields (EMF) are sometimes created. EMF are found wherever there is electric current, like in your smartphone, hair dryer, and parts of the energy grid like a substation. We experience EMF every day at very low levels, and extensive research from national and international scientific health agencies, including the World Health Organization, Health Canada, and the National Cancer Institute, indicate that they do not pose a health hazard to the public. It will be safe for the community and Pepco employees alike to live, work, and play near the substation.

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

We are a part of Washington D.C. – we have been providing energy to customers in the District for more than 100 years. 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

Community Outreach

We have engaged with neighbors since 2016, participating in numerous meetings with community leaders. Throughout this process, we have obtained and incorporated input from neighbors on the physical appearance of the building, including landscaping, architectural design, and public artwork to create a design that is welcoming to residents and visitors in the community.

What is a Substation?

- A substation is not a power plant – Pepco shut down operation of its power plants years ago.
- Pepco imports electricity that is generated in neighboring states and delivered to the District through transmission lines.
- A substation receives power from the transmission lines and distributes electricity to the surrounding neighborhoods.

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