



SPECIAL EVENT

Capital Grid Project Community Meeting

You're Invited

At Pepco, we work to deliver safe, reliable, sustainable, and affordable energy. Our upcoming Capital Grid infrastructure project will promote enhanced reliability and strengthen the District's energy grid.

Please join us for a Community Meeting where we'll share information about Capital Grid and the construction route in your neighborhood – including construction timelines, changes in traffic patterns, and parking – and how we can work together to minimize disruption in your community.

**The Reeves Center
2000 14th Street, NW
5th Floor Community Room
Thursday, July 25, 2019
7:00 – 9:00 p.m.**

Refreshments will be served – also please note a photo ID is needed to enter the building

RSVP to: CapitalGrid@pepco.com

pepco
An Exelon Company

THE CAPITAL GRID PROJECT

OVERVIEW



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 proposing 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, if approved, 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

Capital Grid Project Benefits

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

- **Enhanced Service** – New infrastructure that will reduce the strain on surrounding areas, improving service for customers
- **Stronger System** – Enhancements that will lessen the impact and speed recovery from storms and other emergencies
- **Added Capacity** – A more robust energy grid to handle energy needs, as the District experiences rapid residential and commercial development
- **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

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.

HOW ENERGY IS DELIVERED TO YOU

Electricity travels across a complex infrastructure between the power plant or renewable energy source and the communities, homes and businesses where it is used. The three main components of that infrastructure are:



GENERATION

Electricity is produced at generating plants that are powered by renewable energy sources such as wind, solar and water, fossil fuels, or nuclear energy.



TRANSMISSION

High-capacity transmission lines send electricity to substations that reduce voltage to appropriate levels for use.



DISTRIBUTION

Electricity is delivered from substations through the local grid to homes, schools, businesses, and other customers.