For Immediate Release: December 20, 2019
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DC Utility Regulator Approves Pepco Capital Grid Project
Construction of Mt. Vernon Substation to Address Load Growth and Sustainability

(Washington, D.C.) Today, the Public Service Commission of the District of Columbia (Commission) approves construction for Phase II of Pepco’s Capital Grid Project, Formal Case No. 1144. To address anticipated load growth and to ensure safety, reliability and resilience of the District’s electric system, the Commission authorized the construction of a new Mt. Vernon Substation.

The Commission concluded that the Mt. Vernon Substation will provide substantial reliability benefits to the District and help prepare for anticipated climate change challenges. Given the District’s objective to maintain a reliable distribution system during extreme weather events, the Mt. Vernon Substation is necessary to: 1) maintain and enhance reliability standards and performance; 2) provide for additional Distributed Energy Resources (DER) hosting capacity; and 3) reduce the risk of prolonged and widespread outages.

Pepco filed in 2018 the Capital Grid Application which involved two phases. Phase I addressed aging infrastructure. For Phase II, the Commission focused on the growing energy needs of District residents in areas experiencing rapid growth and development. The Commission analyzed the construction plans of the Mt. Vernon Substation, as well as the feasibility of non-wires alternatives to address the impact on global climate change and the District’s climate commitments.

“After review of all filings and multiple rounds of public comments, the Commission determined that a new Mt. Vernon Substation, and the overall Capital Grid Project, will help modernize the District’s electric system and increase network capacity and accommodate more DERs, which will help the District achieve its goals of 100% renewables, 50% carbon reduction, and 5% solar by 2032,” stated Willie L. Phillips, Chairman of the Public Service Commission. “The project will also bring reliability, resilience, and sustainability benefits to the grid, and help boost the local economy by constructing the new substation.”

To learn more about the Capital Grid Project, Formal Case No. 1144, visit the dcpsc.org.

The Public Service Commission of the District of Columbia is an independent agency established by Congress in 1913 to regulate electric, natural gas, and telecommunications companies in the District of Columbia.

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