

PUBLIC SERVICE COMMISSION OF THE DISTRICT OF COLUMBIA
1325 G STREET, N.W., SUITE 800
WASHINGTON, D.C. 20005

PUBLIC NOTICE

April 27, 2017

**FORMAL CASE NO. 1143, IN THE MATTER OF THE COMMISSION'S
CONSIDERATION OF A DEMAND MANAGEMENT PROGRAM FOR ELECTRIC
VEHICLE CHARGING IN THE DISTRICT OF COLUMBIA**

1. On April 21, 2017, the Potomac Electric Power Company (“Pepco”) filed a proposal seeking approval for a limited, voluntary demand management program for plug-in electric vehicle (“PIV”) charging in the District of Columbia (“EV Program”) consisting of five offerings with varying options and to allow Pepco to focus on expanding PIV use in the District of Columbia.¹ By this Public Notice, the Public Service Commission of the District of Columbia (“Commission”) opens this proceeding to consider Pepco’s EV Program proposal.

2. To this end, Pepco proposes “a limited, voluntary EV Program” that would run through the third quarter of 2019.² Pepco anticipates that following the conclusion of the proposed EV Program, “the Company will be in a better position to determine if adjustments to the [EV] Program are warranted, provide for a wider roll out within the District of Columbia, if deemed appropriate, and apply the information gained to efforts promoted by the Government of the District of Columbia and third-parties to expand PIV use.”³ The proposed EV Program consists of five offerings:

- Offering 1: One Hundred (100) Residential customers with existing PIVs and installed Electric Vehicle Supply Equipment (“EVSE”) will have the option to select the PIV rate under Schedule “PIV”
- Offering 2: Fifty (50) Smart Level II EVSEs for Residential customers without an existing EVSE—Schedule “PIV”
- Offering 3: Ten (10) Smart Level II EVSE for Condominium/Apartment buildings with garage parking, customers without an existing EVSE—Schedule “GS ND-PIV”
- Offering 4: Maximum of four (4) Direct Current (“DC”) Fast Chargers in the District for Public Use—Schedule “GS D-PIV”

¹ *Formal Case No. 1143, In the Matter of the Commission’s Consideration of a Demand Management Program for Electric Vehicle Charging in the District of Columbia (“Formal Case No. 1143”),* Potomac Electric Power Company’s (“Pepco”) proposal for a limited demand management program for plug-in electric vehicle charging in the District of Columbia, filed April 21, 2017 (“Pepco’s Proposed EV Program”).

² *Formal Case No. 1143,* Pepco’s Proposed EV Program at 6, 11.

³ *Formal Case No. 1143,* Pepco’s Proposed EV Program at 6.

Offering 5: Five Hundred (500) Residential whole-house Time-of-Use rates—
Schedule “R-PIV”

3. Pepco proposes to supply electricity to the pilot program through Standard Offer Service (“SOS”), where Pepco serves as SOS Administrator.⁴ Pepco will manage demand from PIVs by setting rates so as to encourage PIV charging during off-peak periods and potentially using smart chargers to reduce charging to half power during periods requiring demand reductions, with notice to customers and the opportunity to opt out.⁵ Each offering will have various limitations on the applicable customers, different levels of customer cost sharing for equipment, and include options for 100% renewable energy for an additional charge. Pepco asserts that this EV Program will provide the benefits of PIV charging or discounted rates of up to 160 total PIV customers and up to 500 Residential whole house Time-of-Use customers and provide Pepco with valuable data that will be used to improve the service experience of all customers as more PIVs are added to the system.⁶ Pepco proposes to operate the initial EV Program until the end of the third quarter 2019 after which Pepco will present a report to the Commission after analyzing the data gathered from the initial EV Program.

4. Pepco reports that there are currently 567 registered PIVs in the District of Columbia and this number is expected to grow.⁷ Pepco has recently completed a pilot EV Program in Maryland and the proposed EV Program looks to develop “information specific to District of Columbia owners.”⁸ Specifically, Pepco aims for the proposed EV Program to:

- Understand any potential impact that increases in the adoption and saturation of PIVs may have on the distribution system in the District of Columbia;
- Obtain information needed to evaluate and mitigate impacts to the distribution system that PIV clustering may cause; and
- Test and validate various incentives, such as discounted Time-of-Use rates, for customers to curtail or shift vehicle charging to off-peak time periods.⁹

5. Pepco estimates that the total estimated cost for the program’s five options will be \$1,666,000. The cost amount excluding costs borne by customers, such as the cost-sharing for EVSEs and installations, is \$1,464,000. These costs are broken out across each of the offerings in Table 1 through Table 6 of the Proposal.¹⁰ Pepco proposes rate classes for customers who take

⁴ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 6 n.19.

⁵ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 6 n.18.

⁶ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 11.

⁷ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 2.

⁸ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 4.

⁹ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 3-4.

¹⁰ *Formal Case No. 1143*, Pepco’s Proposed EV Program at 12, 15-16.

service for their PIV. Pepco is requesting permission to establish a regulatory asset to recover EV Program costs in a future distribution rate case.

6. Any interested person who wishes to participate as a party in this proceeding should file petition to intervene pursuant to 15 DCMR § 106 by May 22, 2017. It should be noted that a person need not be a party to the proceeding in order to provide comments on Pepco's EV Program.

7. Any person interested in commenting on Pepco's Proposed EV Program may do so by May 22, 2017, and any reply comments should be submitted by June 5, 2017. Responses are to be addressed to Brinda Westbrook-Sedgwick, Commission Secretary, Public Service Commission of the District of Columbia, 1325 G Street, N.W., Suite 800, Washington D.C., 20005. Copies of the Application may be obtained by visiting the Commission's website at www.dcpsc.org. Once at the website, open the "eDocket" tab, click on "Search database" and input "FC 1143" as the case number and "1" as the item number. Copies of Pepco's Proposed EV Program may also be purchased, at cost, by contacting the Commission Secretary at (202) 626-5150 or PSC-CommissionSecretary@dc.gov.