



Electric Vehicle Charging Program



Commencing March 2020 in the District of Columbia



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EVsmart Program Overview



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Electric Vehicle Charging Program Overview

- In 2018, Pepco submitted an application to the D.C. Public Service Commission support electric vehicle charging to support the District's clean energy goals.
- Approved program consists of residential customer rate, make-ready for public, taxi/rideshare and bus charging.
- Pepco will provide make-ready infrastructure to support the deployment of electric vehicle chargers for public use in the District. The chargers will consist of:
 - 35 Level II Smart Chargers, and
 - 20 Direct Current Fast Chargers



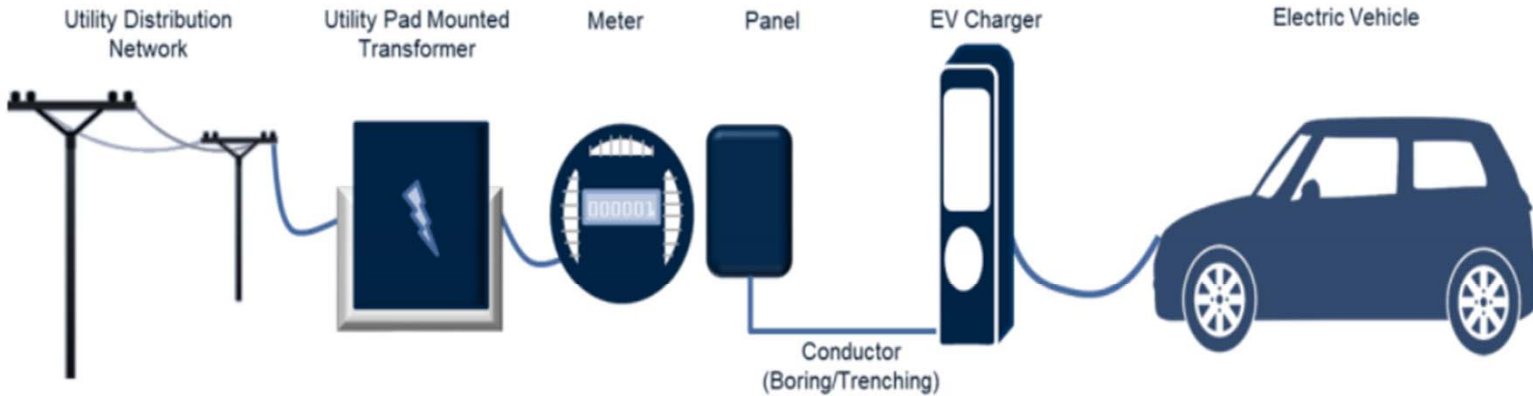
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Review of Public Make-Ready Infrastructure, Roles & Responsibilities



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Make-Ready Overview, Roles & Responsibilities



Make-Ready



Pepco will install, own and maintain service connections and supply infrastructure (to the charger stub) to support the installation and operation of EV charging equipment. This can include equipment on both the utility and customer side of the meter.

The applicant is responsible for installing, operating and maintaining the EV charger and ensuring accessibility of the parking space for public use.

Source: https://www.georgetownclimate.org/files/report/GCC-MJBA_Utility-Investment-in-EV-Charging-Infrastructure.pdf

Make-Ready Public Charging Program Requirements



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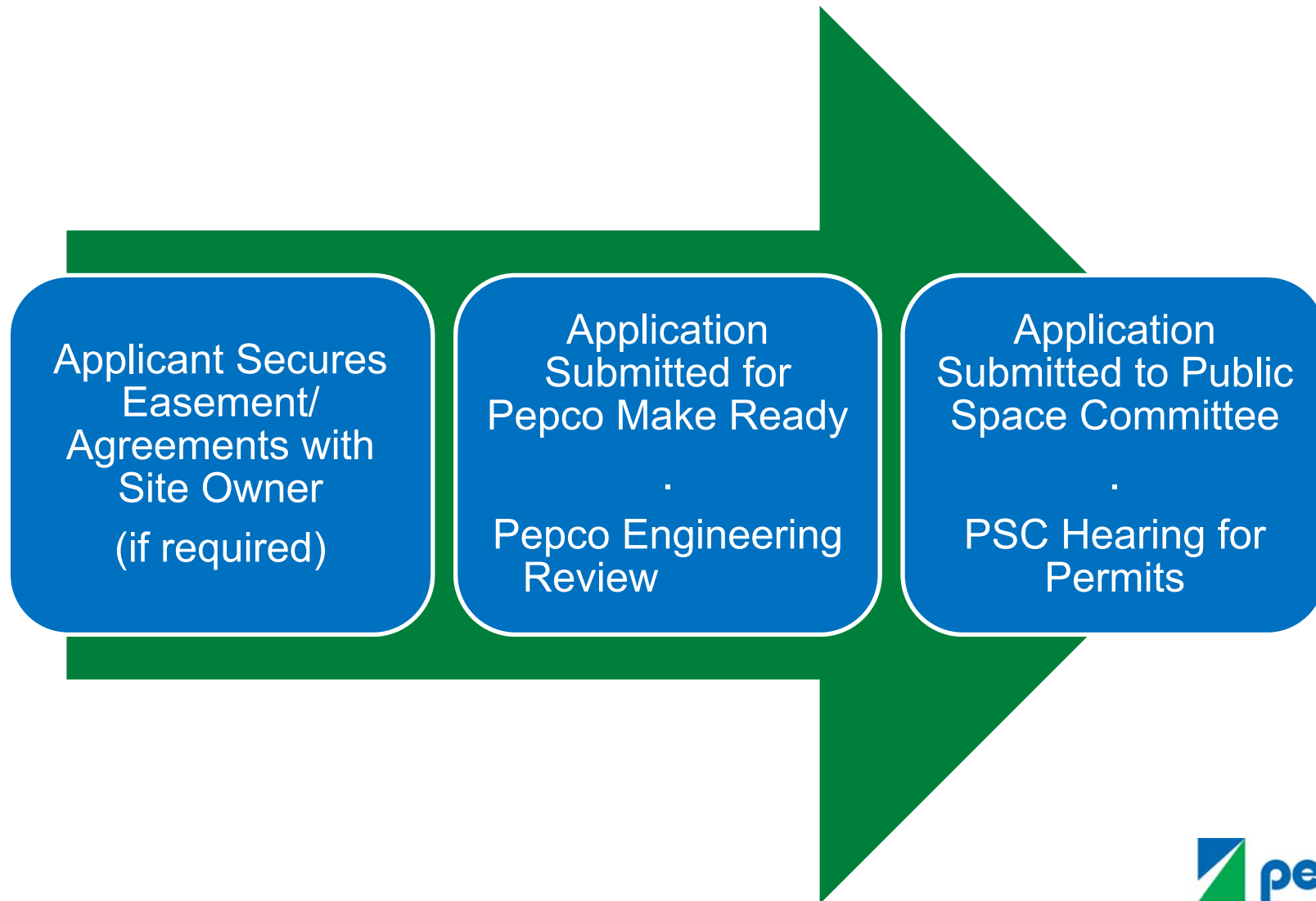
Public Make-Ready Program Requirements

- Applicants must qualify for program participation as a non-residential customer.
- The hosting site for EVSE must provide long-dwell parking available for public use at all times.
- Prior to submitting an application to Pepco, the applicant must secure all required easements and agreements with the site owner.
- The party responsible for installing, operating and/or maintaining the EVSE should be licensed to work in the District of Columbia.
- Applications will be submitted to Pepco and the District's Public Space Committee for review, approval and issuance of any necessary permits.
- Prior to Pepco construction, the applicant must provide proof of purchase for qualified EVSE.



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Public Make-Ready Application Process



Pepco Application and Initial Review

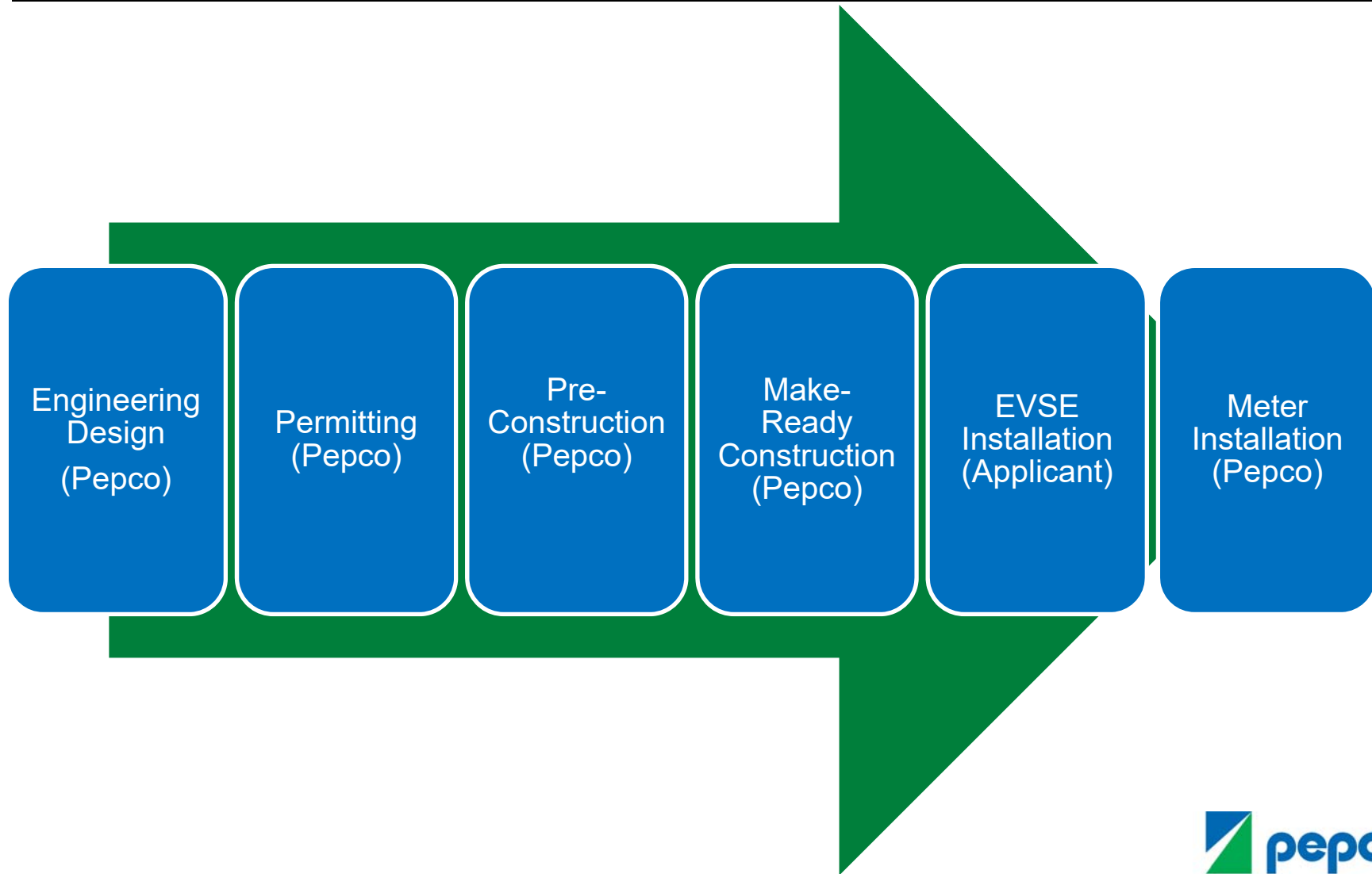
- Applications will be made available on Pepco's DC Electric Vehicle webpage in March 2020.
- Application must contain project location, contact information, EVSE equipment (type, size); additional information may be required
- Applicant submissions will include structural drawings for EVSE facilities
 - See Commercial Design Manual and Standard Drawings on Pepco Website:
<<https://www.pepco.com/MyAccount/MyService/Pages/EngineeringDesignResources.aspx>>
- Pepco will perform a feasibility review to confirm capacity of adjacent circuits and estimate project cost.

Public Space Committee Process (PSC)

- Applications must be submitted to the District's Public Space Committee where they will be evaluated by the District Department of Transportation in coordination with Pepco.
 - <https://ddot.dc.gov/page/public-space-permit-applications>
- Applications are reviewed in pre-scheduled hearings approximately 2 months post-submittal; once approved by the Committee, permits will be issued to the applicant within 5 days
 - <https://ddot.dc.gov/page/public-space-committee-meetings>
- The applicant is responsible for submitting applications to the PSC and any associated fees.
- The PSC review process will begin once regulations related to curbside charging have been finalized by the District City Council.

Engineering Design and Construction

Make Ready Infrastructure Engineering Design and Construction



Make-Ready Infrastructure Engineering Design and Construction

1. Engineering Design Phases

- Preliminary Engineering, Field Investigation, Final Engineering, Estimating, Final Assembly of Construction Package
- Total Project Design Duration – Typically 4 months

2. Pepco permitting

3. Pre-Construction

- Job site inspection conducted by Pepco

4. Construction of make-ready infrastructure

- Pepco construction time is dependent upon the scope of work, such as:
 - Number of transformers and/or manholes
 - Distance and quantity of underground cable to be installed
 - Energizing new facilities depends on system conditions.

5. EVSE installation completed by applicant

6. Pepco installs meter for new service

Est. process will take 6-8 months depending on scope of work



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Questions



Additional questions regarding the program can be emailed to EVsmart@pepco.com

