

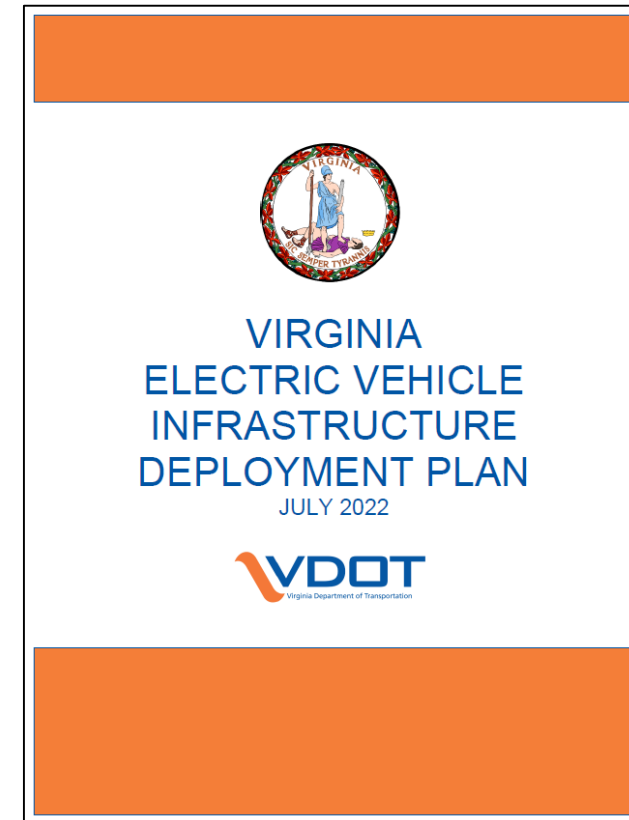


VIRGINIA NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE PROGRAM

Chris Berg, Director of VDOT Office of Transportation Sustainability

Virginia NEVI Program

- \$100M over 5 years
- VDOT lead agency, under guidance of the Secretary of Transportation
- Deployment plan approved September 27, 2022
- \$36M in 2022 and 2023



Deployment Plan Vision and Goals

Virginia envisions an EV charger network that facilitates convenient, reliable, and equitable access to fast charging stations throughout the Commonwealth, while spurring growth in this promising industry.

1

Close Charging Gaps

Fully build out 8 existing AFCs within 5 years and identify corridors of statewide significance for future build out.

2

Maintain Reliability and Connectivity

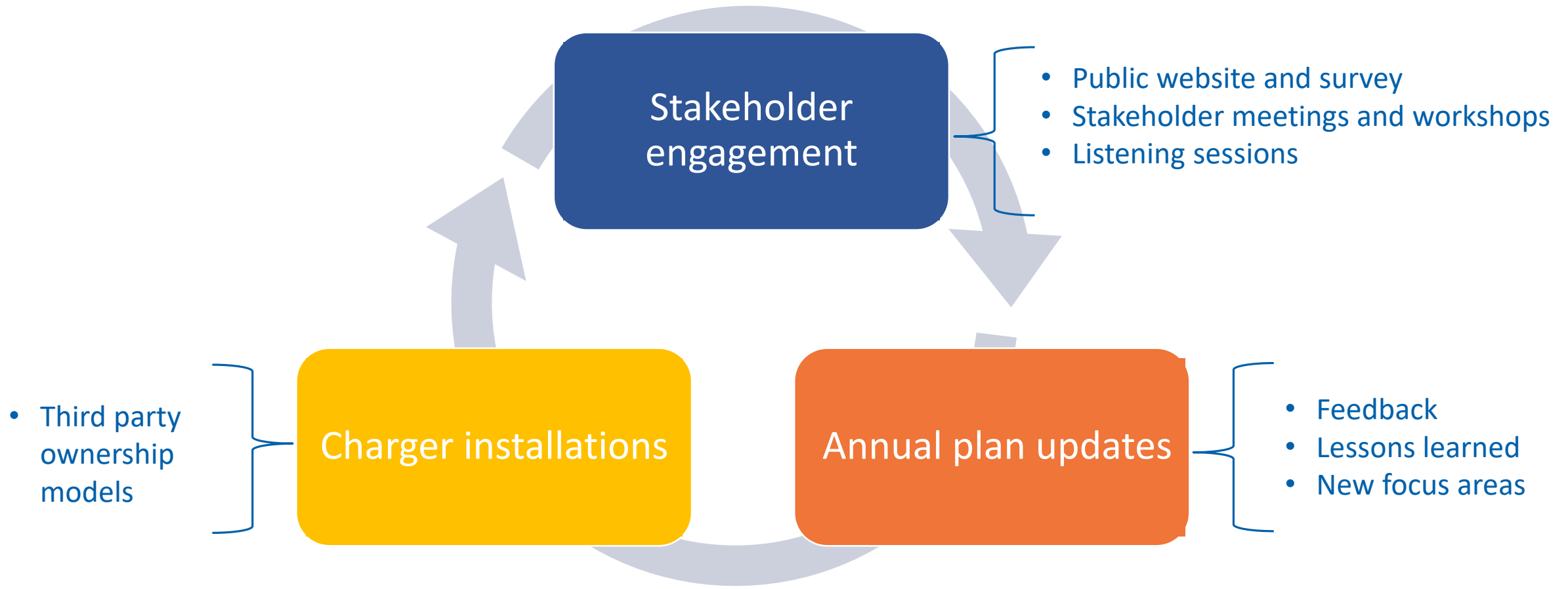
Establish strict standards for measuring and reporting charging station uptime and maintaining station performance

3

Ensure Equitable Access

Support the deployment of charging stations across urban, suburban, rural, and disadvantaged communities.

Iterative Planning Process



Public Input

- <https://publicinput.com/VirginiaNEVI>

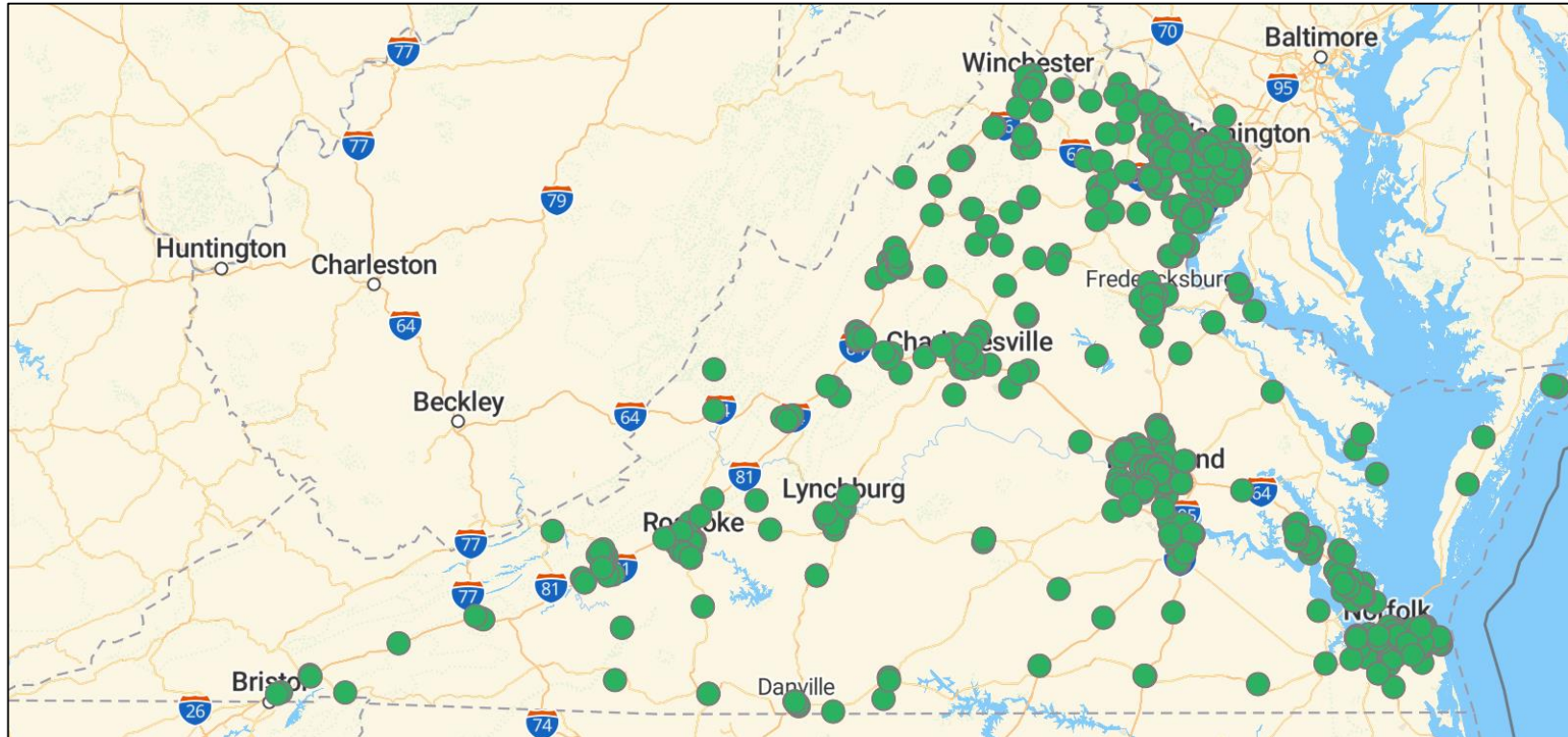
VDOT Translate

Virginia Electric Vehicle Infrastructure Deployment Plan

- 1 Close Charging Gaps**
Fully build out 8 existing AFCs within 5 years and identify corridors of statewide significance for future build out.
- 2 Maintain Reliability and Connectivity**
Establish strict standards for measuring and reporting charging station uptime and maintaining station performance.
- 3 Ensure Equitable Access**
Support the deployment of charging stations across urban, suburban, rural, and disadvantaged communities.

With funding provided through the 2021 [Infrastructure Investment and Jobs Act](#), the Commonwealth of Virginia is investing a projected \$100 million over the next five years to install public electric vehicle (EV) charging stations across Virginia through the [National Electric Vehicle Infrastructure \(NEVI\) Program](#). Under the requirements of the NEVI Program, the initial phase of public charging stations will be located within one mile of Virginia's federally-designated [Alternative Fuel Corridors \(AFCs\)](#); I-64, I-66, I-77, I-81, I-85, I-95, I-295, and I-495) to provide convenient and accessible charging to support the growing EV market in Virginia. The map below shows existing Virginia AFCs in blue.

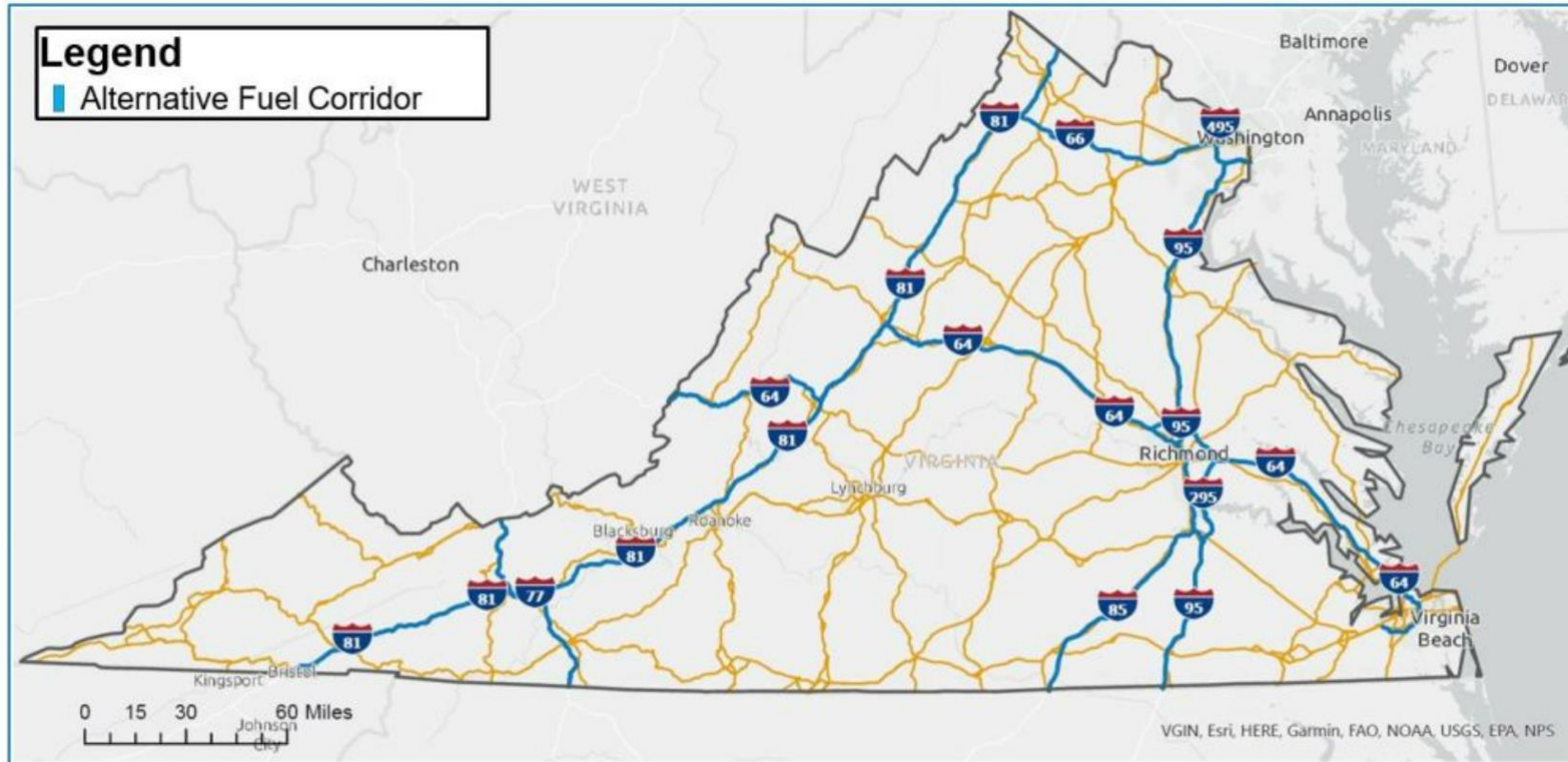
Virginia EV Charging Infrastructure



Alternative Fuels Data Center

- 1,139 public stations providing 3,016 charging ports across all charging speeds
- 134 stations equipped with Direct Current fast chargers (DCFCs)
- 17 stations meet NEVI requirements

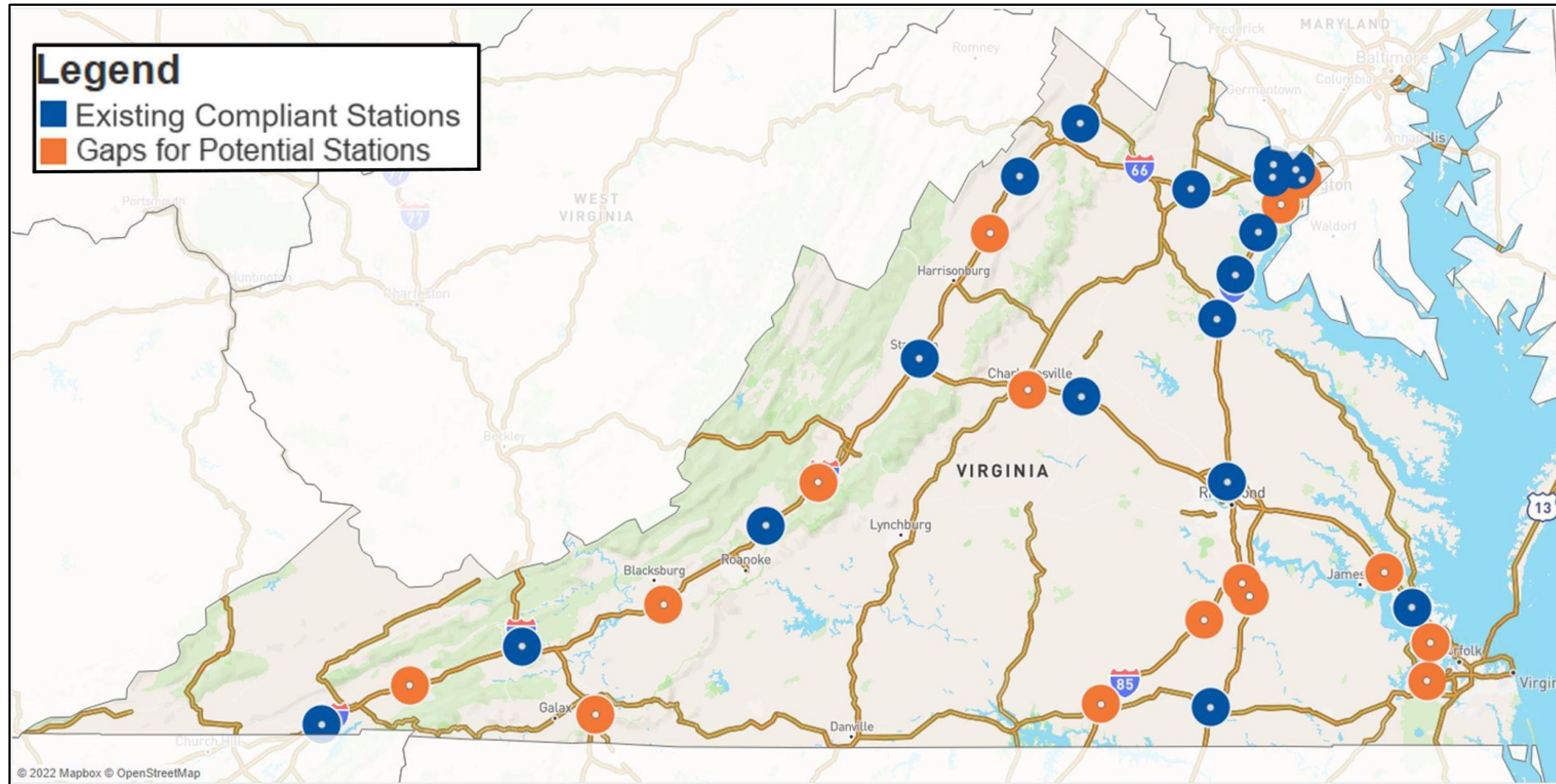
Alternative Fuel Corridors (AFCs)



Virginia AFCs:

- 985 miles
- I-64, I-66, I-77, I-81, I-85, I-95, I-295, I-495

Existing and Potential AFC Sites



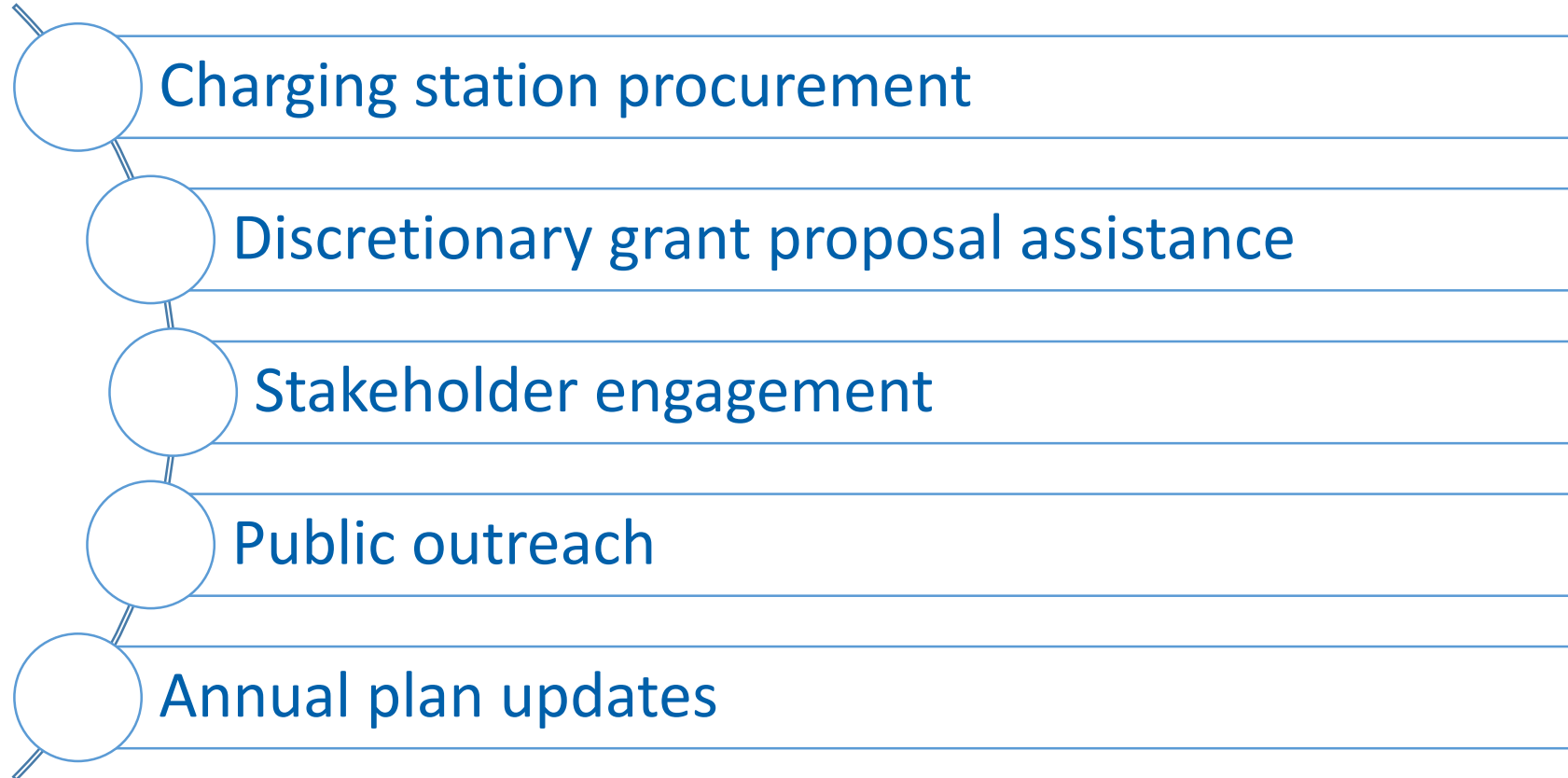
Charging Station Deployment

- Issue competitive solicitation(s) for third-party agreements to install chargers
 - Incorporate all NEVI and Virginia requirements into agreements
 - Station locations, workforce development, reliability, cybersecurity, ADA
 - Request for Information to be released October 2022 to inform competitive solicitation
 - Request for Proposals to be released January 2023
 - VDOT evaluate and score proposals, monitor and evaluate performance and adherence to requirements

Request for Information

- Location and Siting
- Materials and Installation
- Operations and Maintenance
- Security
- Lessons Learned and Future Planning

Next Steps



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