



West Virginia

# **NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE (NEVI)**

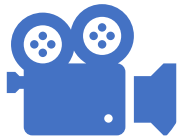
## **DEPLOYMENT PLAN**

Virtual Public Meeting  
Tuesday January 23, 2024



# Welcome and Meeting Instructions

# Introductory Notes



## **Presentation Recording**

A recording and a PDF of the presentation will be made available on [GO.WV.GOV/NEVI](https://go.wv.gov/NEVI)



## **Live Panel Q&A**

You can provide written questions or comments using the Q&A button at the bottom of your screen for our panel to answer today.



## **Timing**

- **4:00 pm - 4:30 pm EST | Presentation**
- **4:30 pm - 5:00 pm EST | Panel Q&A**
- **5:00 pm - 5:30 pm EST | Presentation**
- **5:30 pm - 6:00 pm EST | Panel Q&A**



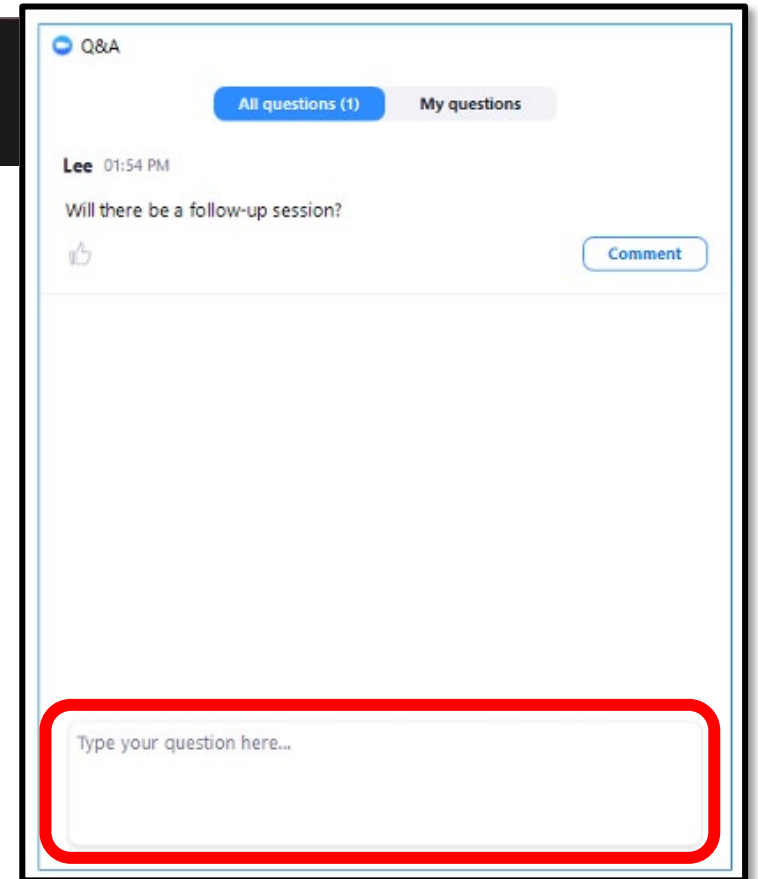
# Zoom Functions

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**Step 1:**  
**Click the Q&A icon**

**Step 2:**  
**Enter your question  
in the new window**



# Speakers



Perry  
Keller

WVDOH NEVI Program  
Manager

Perry  
McCutcheon

WVDOH Alternative Fuels  
Coordinator

Kimley»Horn

Jordan  
King

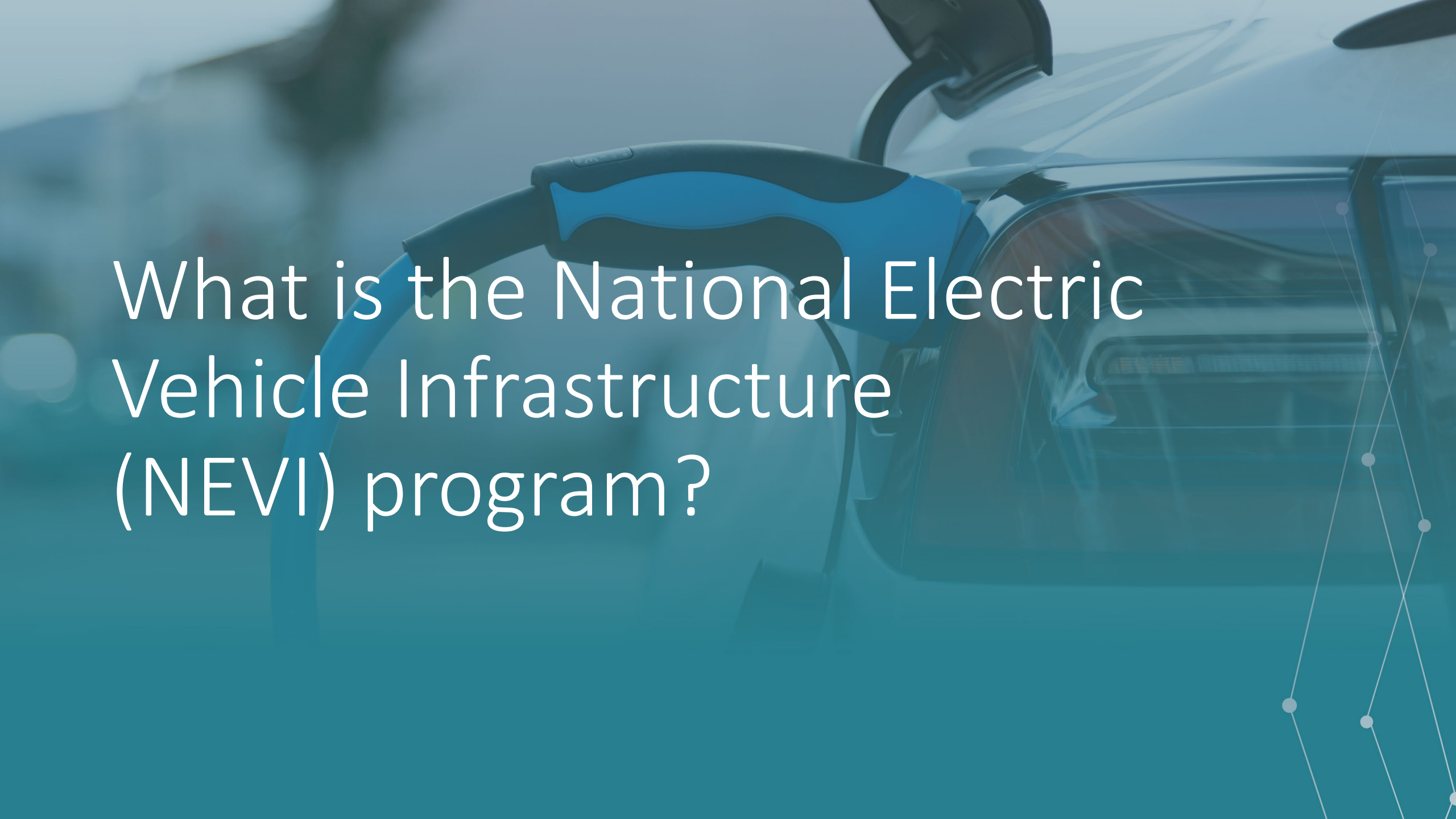
Meeting Moderator

Brad  
Davis

WVDOH NEVI Program  
Consultant Project Manager



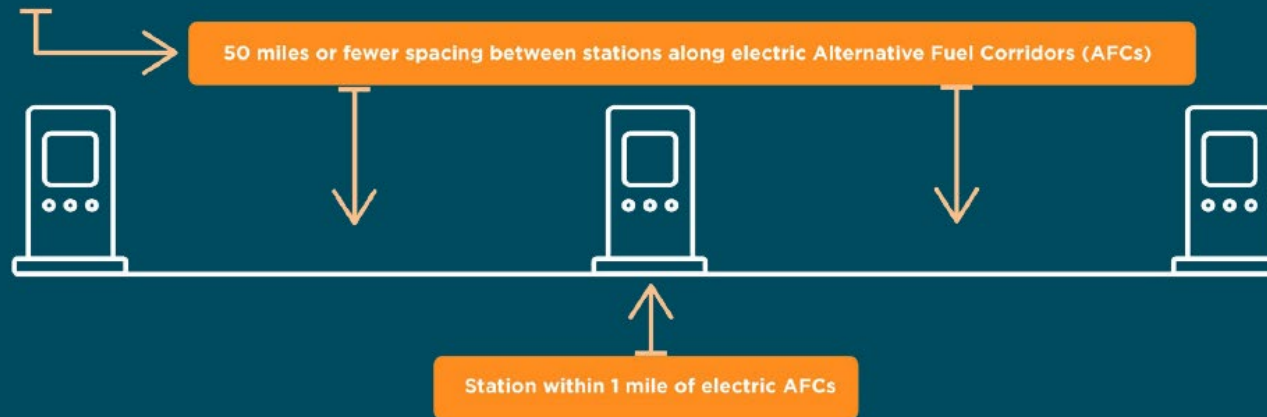


The background of the slide features a close-up, slightly blurred image of a blue electric vehicle (EV) being charged. A blue charging cable is plugged into the vehicle's charging port. The image has a teal overlay, and a faint geometric pattern of lines and dots is visible on the right side.

What is the National Electric  
Vehicle Infrastructure  
(NEVI) program?

# What is NEVI?

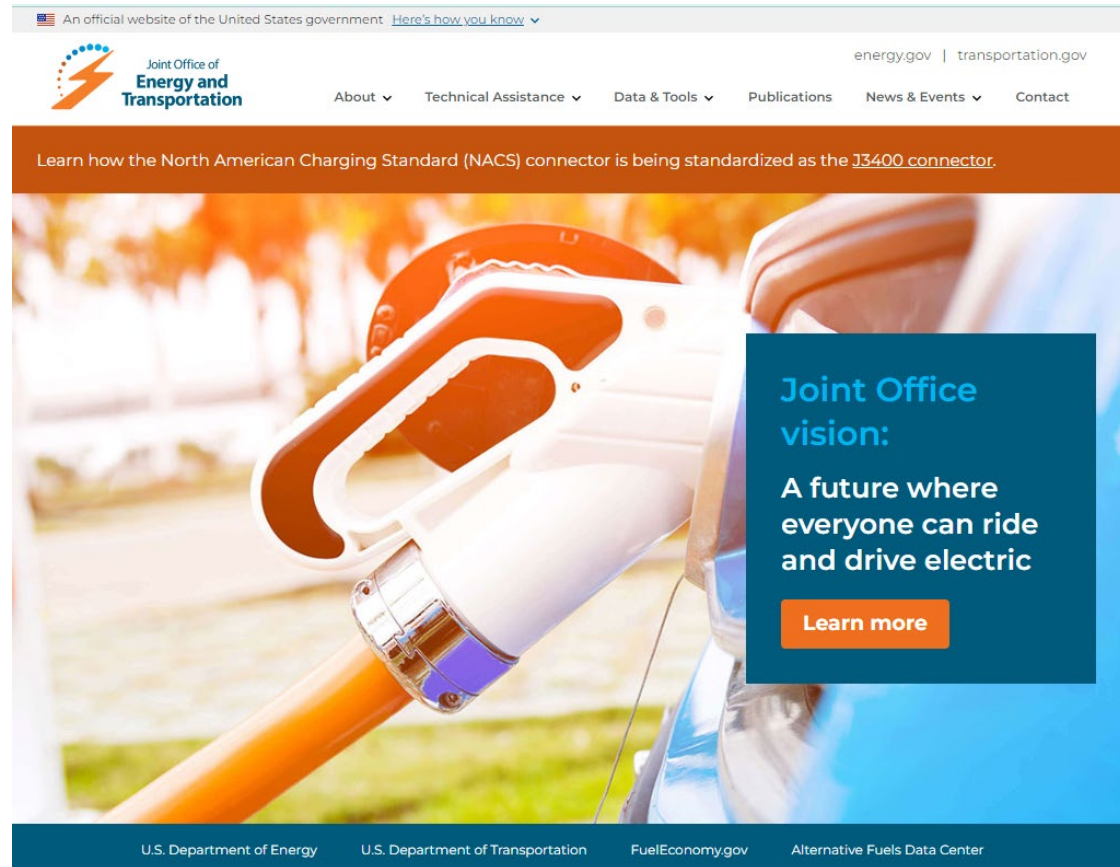
## PHASE 1: ELECTRIC AFC CHARGING



## PHASE 2: COMMUNITY-BASED CHARGING



# Joint Office of Energy and Transportation

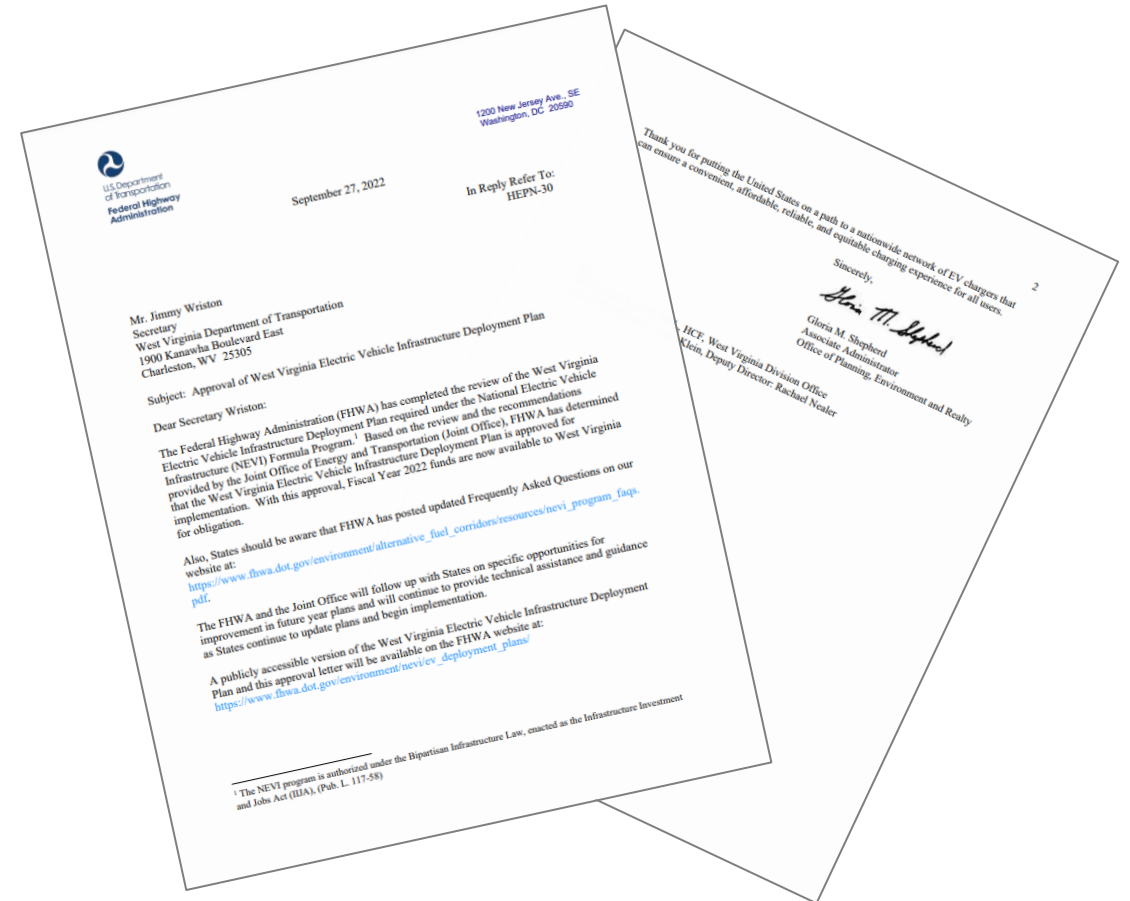
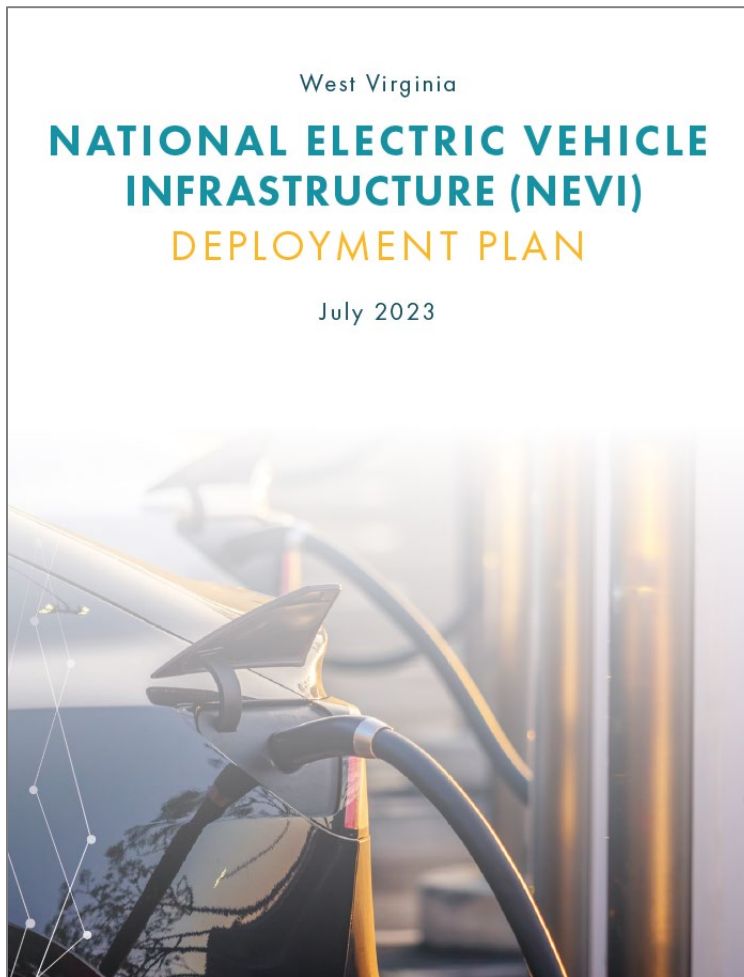


driveelectric.gov





# West Virginia NEVI Plan



FHWA 2023 Approval Letter



# WVDOH NEVI Program Goals



**Build a reliable and easily accessible EV charging network**



**Increase overall network reliability**



**Ensure equitable location of EV chargers, particularly in historically disadvantaged communities**




**Expand access to economic opportunities**



# West Virginia AFCs

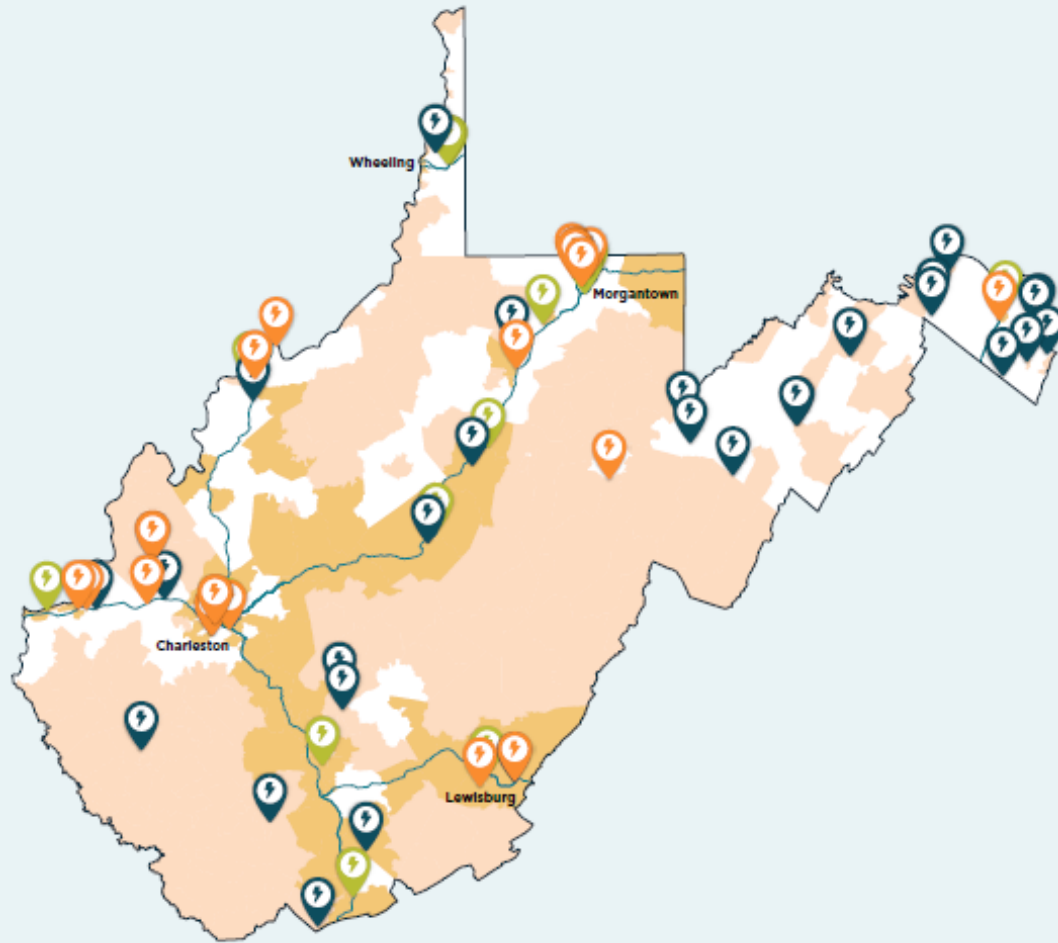


## Legend

 Electric Alternative Fuel Corridors

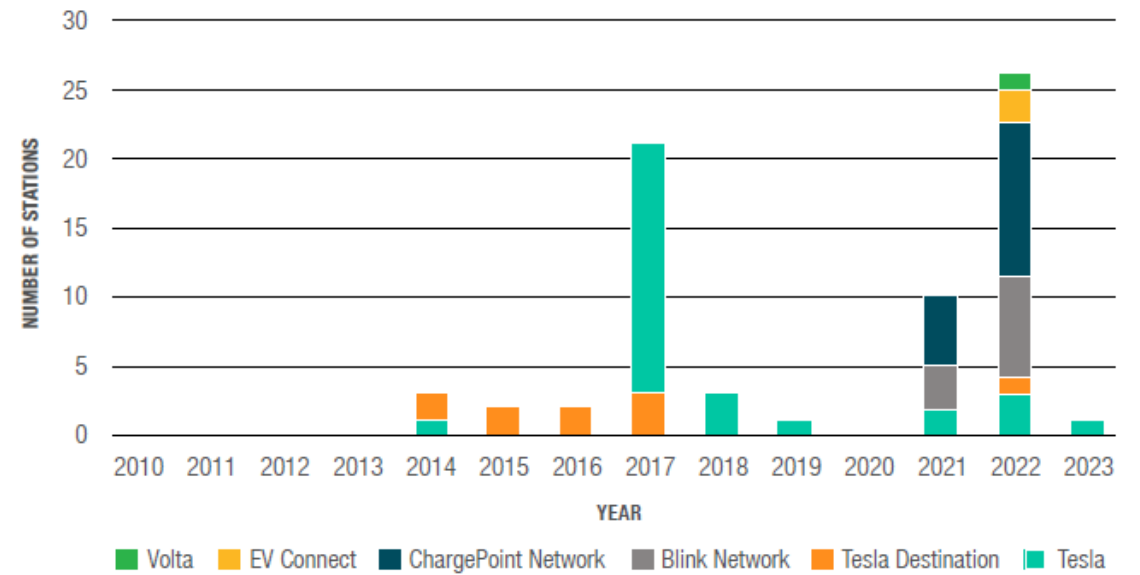


# Existing EV Charging Stations



## Legend



- Electric Alternative Fuel Corridors
- Justice40 Census Tracts in WV
- Justice40 Census Tracts along AFCs
- Existing Tesla Supercharging Stations
- Existing Tesla Destination Stations
- Existing Non-Tesla Networked Charging Stations



# Existing DCFC Charging Stations



## Legend

-  Electric Alternative Fuel Corridors
-  Existing Public DCFC Stations



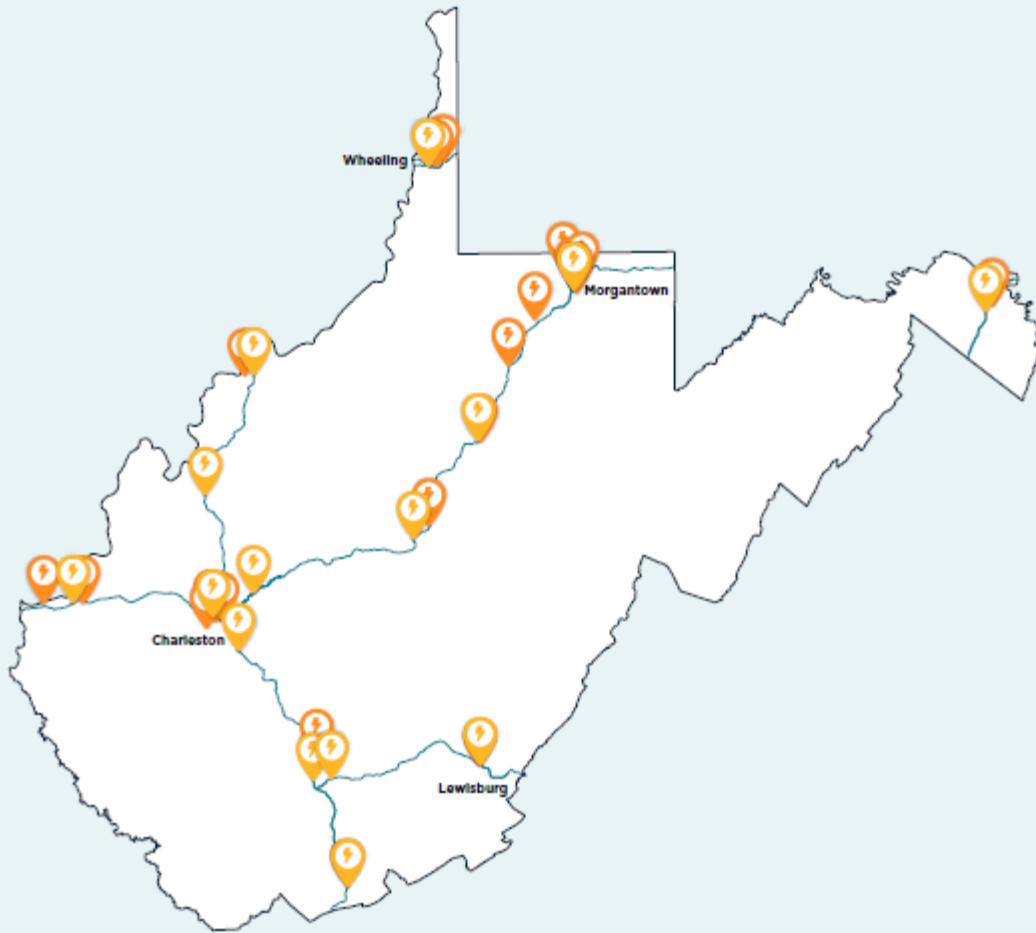




What are the WVDOT NEVI  
program areas of focus?

# Proposed Phase 1 NEVI Station Locations

- 15 proposed phase 1 stations
- Will use estimated 30% of West Virginia NEVI funds

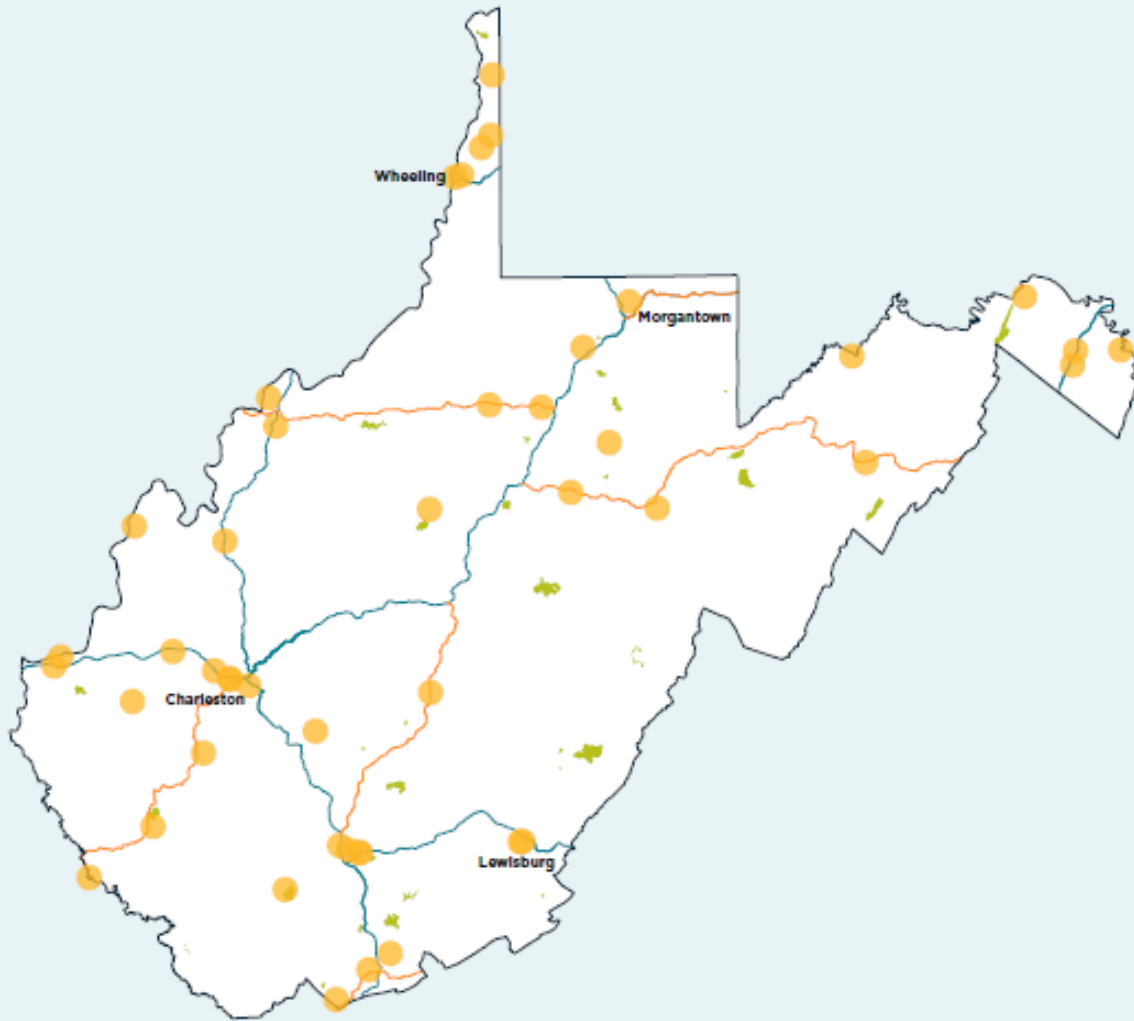


## Legend

- Electric Alternative Fuel Corridors
- Proposed FY22/FY23 DCFC NEVI Station
- Existing DCFC Stations/Tesla Supercharging Stations/Not Targeted for Upgrade or Improvement



# Draft Phase 2 NEVI Station Locations



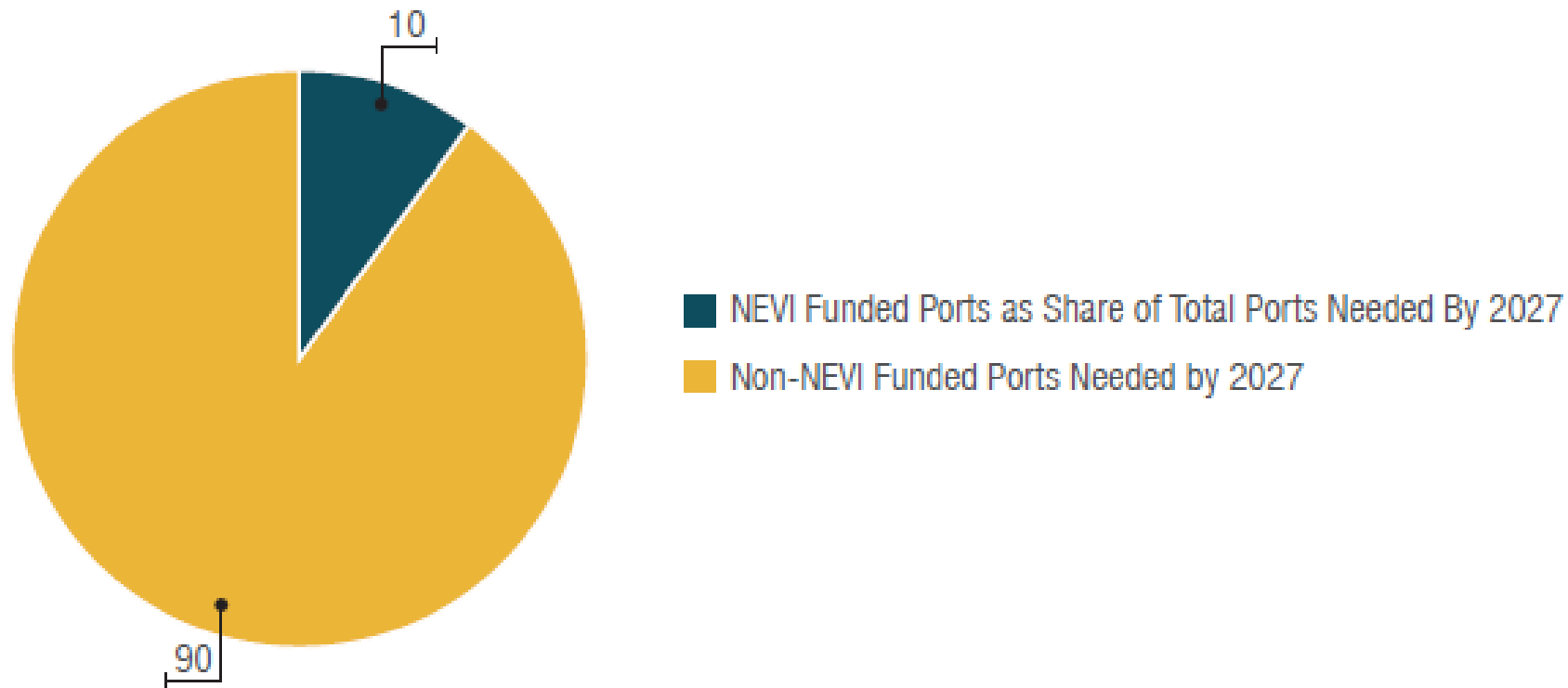
## Legend

- Electric Alternative Fuel Corridors
- Appalachian Corridors
- State Parks
- Universities, Colleges, & Community Colleges

- 187 proposed phase 2 stations
- Will use estimated 63% of West Virginia NEVI funds



# Impact of NEVI Funds on Projected West Virginia Public Charging Needs by 2027



# Estimated 5-Year NEVI Funding

| State         | Actual<br>FY 2022 | Actual<br>FY 2023 | Actual<br>FY 2024 | Estimated<br>FY 2025 | Estimated<br>FY 2026 | Estimated<br>Total |
|---------------|-------------------|-------------------|-------------------|----------------------|----------------------|--------------------|
| West Virginia | \$6,761,785       | \$9,730,285       | \$9,730,352       | \$9,730,361          | \$9,730,381          | \$45,683,164       |







Ways to get involved

# 2024 Process

- Procurement: 2024
- Engagement:

JAN

Virtual Public Meeting

FEB

In-Person Meetings

MAR

APR

MAY

AMPO Update

Start state plan update  
(typically due to FHWA Aug. 1

Online Survey and Interactive Map



# Online Survey

West Virginia NEVI Plan Update Survey [More at: https://transportation.wv.gov/highways/programplanning/nevi/pages/default.aspx](https://transportation.wv.gov/highways/programplanning/nevi/pages/default.aspx)

## 1 West Virginia NEVI Program Survey

Learn a bit about this survey before you begin.

**Welcome to the West Virginia NEVI Program Survey!**

The West Virginia (WV) National Electric Vehicle Infrastructure (NEVI) Program provides federal funding to West Virginia to strategically deploy electric vehicle (EV) charging stations and to establish an interconnected network to facilitate data collection, access, and reliability. The U.S. Department of Transportation. The purpose of this survey is to get input on state-wide priorities for the program.

[Next](#)

Welcome to the WV NEVI Program Survey

1 2 3 4 5

Survey Questions

Proposed Phase 1 Station Feedback

Phase 2 EV Charging Station Priority Areas

Other General Comments

articularly in historically Expand access to economic opportunities.

STATE OF WEST VIRGINIA  
DEPARTMENT OF TRANSPORTATION

Privacy - About.MetroQuest



# In-Person Public Meetings



**Charleston**

Tuesday February 27  
4pm to 7pm



**Morgantown**

Wednesday February 28  
4pm to 7pm



**Martinsburg**

Thursday February 29  
4pm to 7pm





# Program Webpage

GO.WV.GOV/NEVI



Transportation > Highways > Planning Division > National Electric Vehicle Infrastructure (NEVI)

NEVI



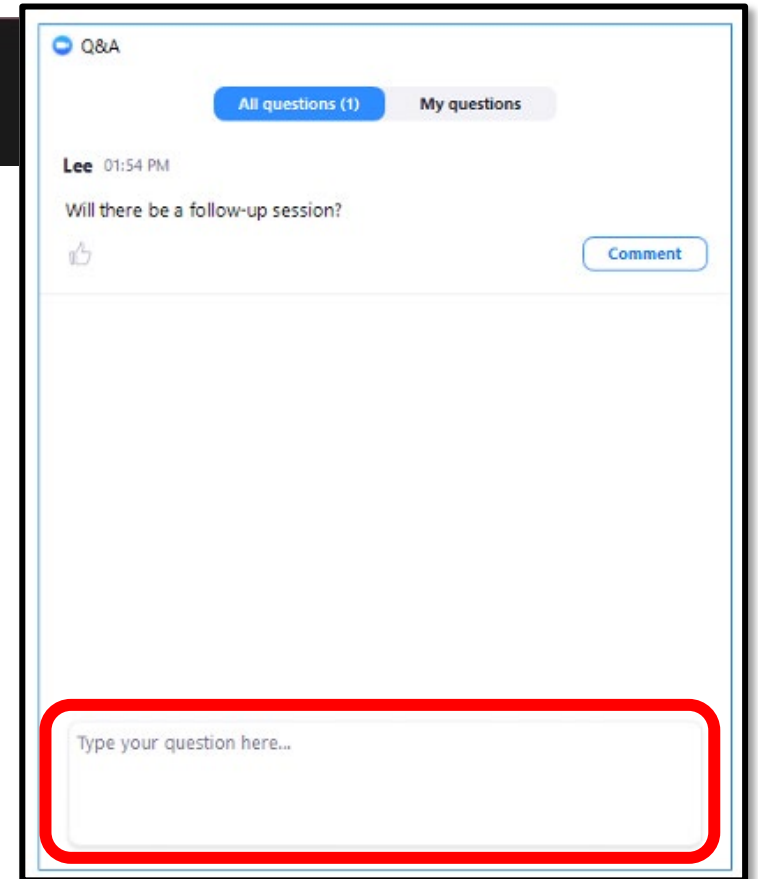
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Thank you!

If you have additional questions, please  
contact:

Perry Keller  
[perry.j.keller@wv.gov](mailto:perry.j.keller@wv.gov)

