



Drive Electric PA Coalition Meeting

Thursday, October 20th
via Webex



pennsylvania

DEPARTMENT OF ENVIRONMENTAL
PROTECTION



pennsylvania

DEPARTMENT OF TRANSPORTATION

WEBEX TIPS

- Basics on Audio and Visual
 - Click “Chat” near bottom-right of screen to open chat
 - Set your chat to “All Panelists”
 - Please type questions and comments anytime
 - Let us know if you want to speak during member updates
- Meeting is being recorded
 - The recording is not posted online or shared
 - All presentation slides will be posted online within a couple weeks

BY THE NUMBERS

| | March 2019 | March 2020 | March 2021* | March 2022* | July 2022* |
|-----------------|------------|------------|-------------|-------------|------------|
| Electric | 9,784 | 11,343 | 16,924 | 23,689 | 31,022 |
| Hybrid | 29,680 | 36,252 | 46,401 | 56,334 | 71,992 |
| Other | 5,432 | 6,510 | 4,159 | 2,573 | 5,549 |
| Total | 44,896 | 54,105 | 67,484 | 82,596 | 108,563 |

- VIN decoding software is being used to accurately reflect fuel type
- EV category completed end of September - registrations increased to 37,791
- Plug-in Hybrid and Hybrid categories currently being processed

Source: PennDOT registration database
*Reporting class 1 vehicles numbers only

INFLATION REDUCTION ACT EV AND EVSE TAX CREDITS

KATHERINE STAINKEN – ELECTRIFICATION COALITION

NICK MILLER – ELECTRIFICATION COALITION



EV NEWS & MEMBER UPDATES



DEP UPDATES

- DEP's Level 2 Charging Equipment Rebate program has funded over 1,650 level 2 charging plugs
 - Follow this link for [DEP's 1,000 plug press release](#)
- The level 2 rebate program guidelines were updated at the end of July 2022
 - Public projects in rural counties now receive a higher rebate incentive
 - The currently available program funds may be exhausted sometime in calendar year 2023

DEP UPDATES

- The Alternative Fuel Incentive Grant (AFIG) is open for applications!
 - \$3 million is available for:
 - Alternative fuel fleet vehicle purchases
 - Fueling infrastructure for alternative fuel fleet vehicles
 - Alternative fuel innovative technology projects
 - Application due date is December 16th, 2022
 - The program guidelines and a recorded webinar are available on the [AFIG webpage](#)

DEP UPDATES

- DEP awarded 16 DC fast charging projects installing 54 plugs throughout Pennsylvania
- The Alternative Fuel Rebate for Consumers program was updated on September 1st
 - Electric vehicle purchase rebates are now larger and have an income cap
- Please see this [Press Release](#) for more details about both announcements above

DEP UPDATES

- DEP hopes to release the EV rate design study by the end of this calendar year
- The Driving PA Forward Medium and Heavy-Duty Zero Emission Vehicle Pilot Grant program will likely open for applications by the end of this calendar year

NEVI PLAN IMPLEMENTATION



PENNSYLVANIA STATE PLAN FOR ELECTRIC VEHICLE INFRASTRUCTURE DEPLOYMENT

National Electric Vehicle Infrastructure (NEVI)
Formula Program

VERSION FOR FFY 2022-2023

- Submitted to Joint Office of Energy and Transportation on **July 21st**
- Approval received from FHWA on **September 14th**
- \$25.4 million (FY22') now available to PennDOT for obligation
- Pre-announcement of funding opportunity beginning of October
- Stakeholder engagement sessions w/ Utilities, October – November
- Webinar for interested proposers November 1
- Proposal announcement late December/early January



NEVI APPLICATION PROCESS

HOW TO GET READY



Register for Keystone Login



Get Familiar with NEVI Program



Attend Informational Webinar



Put a Team Together



Select Site & Assess Readiness



Coordinate with Utilities



PRIORITY LOCATIONS

PRIORITY I:

Selected via gap analysis to most likely meet AFC build-out

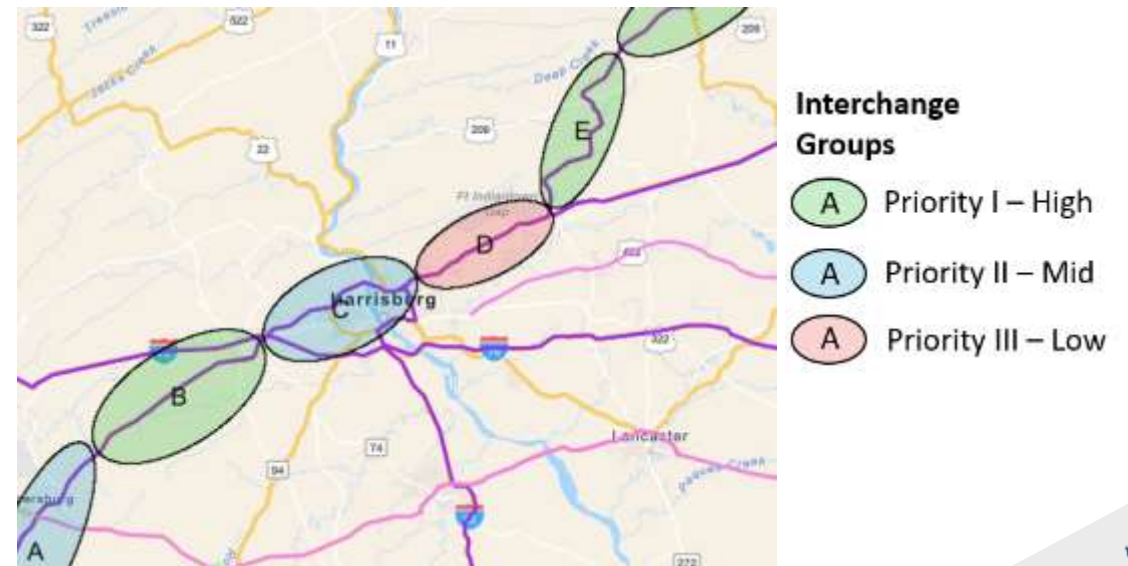
PRIORITY II:

Interchanges in locations closer to existing sites/or likely to be redundant.

PRIORITY III:

Interchanges that already has NEVI-qualifying EV charging site.

- Round 1 will focus on Pennsylvania's primary and auxiliary interstate AFC network and includes 11 primary interstates and four (4) auxiliary interstates
- PennDOT's interchange group map shows the ~80 gaps labeled as Priority I, II, or III
- At least one site at an interchange within each Priority I group will be selected first, followed by one site within each of the Priority II groups of interchanges.



SELECTION CRITERIA

SITE RELATED – Highest Priority

Interchange Score (Location)

| | | | | | |
|----------------------|------------------------------------|--|---------------------------|--------------------|--|
| Ability to fill gaps | Number & type of nearby facilities | Proximity of facilities at interchanges with 24/7 access | Safe Access of Facilities | Route Significance | Equity: Environmental Justice areas, rural areas, air quality non-attainment areas |
|----------------------|------------------------------------|--|---------------------------|--------------------|--|

Site Readiness

| | | | | | | |
|--------------------|--|-----------------------------------|----------------------------|--|---|----------------------------------|
| Power availability | Amount of utility coordination completed | Amount of site development needed | Communication availability | Existing or need for site agreement /ownership | Existing or need for partnership agreement in place | Need for environmental clearance |
|--------------------|--|-----------------------------------|----------------------------|--|---|----------------------------------|

Future Proofing

| | | | | | | |
|------------------------------|--|--|-----------------------------|------------------------------------|---|--|
| Power per port/site proposed | Number of additional ports/site proposed | Ability to provide more power per port in the future | Ability to add future ports | Availability of pull through sites | Ability to meet medium heavy duty charging requirements | Ability to meet heavy duty vehicle charging requirements |
|------------------------------|--|--|-----------------------------|------------------------------------|---|--|



SELECTION CRITERIA

SUSTAINABILITY; EQUITY; RESILIENCE; ECONOMIC DEVELOPMENT– Second Priority

Criteria

Usage of renewable energy sources and strategies

Generation of clean energy

Renewable energy storage

Plan for involving local and small businesses/workforce

Plan for public/stakeholder engagement

Plan for team training and Safety

COST- Third Priority

Criteria

Amount of funding requested (out of total project cost)

(Please note these selection criteria are subject to change. The final selection criteria will be identified in the NOFO).

INFORMATIONAL WEBINAR

PennDOT will host an informational webinar about the 2022 NEVI Grant Program on Tuesday, November 1, 2022, between 10 a.m. to 12 p.m.

This webinar is intended for all audiences interested in applying for PennDOT NEVI grant program. This webinar will provide an overview of the PennDOT NEVI grant program, as well as information on eligibility, types of projects funded, how to apply, eligible and non-eligible costs, and application best practices.

NEVI Grant Program Webinar

Date: Tuesday, November 1

Time: 10 a.m. - 12 p.m.

[Register to attend](#)



NEVI STAKEHOLDER SESSIONS

**REGISTER
TODAY!**



JOIN US
for a stakeholder session
about Electric Vehicles!

- Monday, Oct. 24 - Columbia
- Tuesday, Oct. 25 - Jessup
- Tuesday, Nov. 1 - Virtual Webinar
- Thursday, Nov. 3 - Pittsburgh
- Thursday, Nov. 10 - Williamsport
- Tuesday, Nov. 15 - Blue Bell
- Tuesday, Nov. 22 - Philadelphia



UPDATES

- Member Updates
- PA Legislative Updates from Attendees
 - HB 948 – Annual fee for electric vehicles
 - HB 1907 – Would enable EV direct sales
 - SB 435 – Would allow electric utilities to install charging equipment infrastructure
 - SB 153, HB 722 – Increases the maximum allowable weight of class 8 electric trucks by 2,000 pounds
 - Other

EV BATTERY MANUFACTURING

ANDREW JANSEN, ARGONNE NATIONAL LABORATORY



NEXT MEETING

- January 19th, 2023
- Meetings continue to be virtual from 10am – noon
- We will explore having one meeting per year in Harrisburg with a virtual attendance option
- Feel free to share content/speaker ideas

THANK YOU!

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