



# ELECTRIC VEHICLE FAST-CHARGING FAQS & Funding Opportunities

## What Businesses Need to Know



### What is DC Fast Charging

Direct current (DC) fast chargers are game-changers for electric vehicles (EVs). While many EV owners rely on home-charging overnight, DC fast chargers can charge an EV in only 20 to 30 minutes. In PA, over 100 locations – most of them businesses – currently have at least one DC fast charger installed in their parking lots.



### Is Pennsylvania Investing?

One challenge to more rapid adoption of EVs is the lack of public DC fast chargers. By providing funding for fast charge projects in strategic locations – such as along highways and in underserved metro areas – Pennsylvania aims to increase drivers' confidence in the availability of public EV chargers, slow down climate change, and improve public health.



### Which Businesses Are the Best Locations?

The best types of businesses for hosting DC fast chargers are restaurants, gas/convenience stores, truck stops, grocery stores, shopping centers, or any interested business with available parking spaces where an EV driver could shop and use amenities during the 20-30 minutes needed for charge time. Businesses that are 24/7 and offer food and restrooms are ideal. The best locations for businesses interested in hosting fast chargers are near interstate exits along major travel corridors for commuter and recreational travel needs.

### What Are the Benefits to Businesses?

- ✓ Attract customers looking to stop at a location that offers fast charging
- ✓ Increase customer spending at site amenities
- ✓ Minimize costs by choosing from a range of business models offered by EV charging hardware & network companies
- ✓ Gain customer recognition as a leader in reducing carbon emissions



## YOUR BUSINESS MAY BE ELIGIBLE FOR GRANTS

### National Electric Vehicle Infrastructure (NEVI) Formula Program

The NEVI Formula Program provides dedicated funding to Pennsylvania and other states to strategically deploy EV charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability. Program funding and eligibility details include:

- EV charging infrastructure is installed **within 1 travel mile** of the AFC
- EV charging infrastructure includes at least **four 150kW Direct Current Fast Chargers (DCFCs)** with Combined Charging System (CCS) ports capable of simultaneously DC charging four EVs
- EV charging infrastructure has minimum station **power capability at or above 600kW** and supports at least 150kW per port simultaneously across four ports for charging

Application Request Anticipated: Late 2022 – Early 2023

 [PennDOT NEVI Program](#) 

### Is Your Business Located Near an Alternative Fuel Corridor?

The Pennsylvania Department of Transportation (PennDOT) is looking to facilitate the build-out of EV DC fast charging infrastructure across the Commonwealth, including on designated [Alternative Fuel Corridors \(AFCs\)](#), which include Pennsylvania's interstates and other select highways. If you are interested in a project consultation on fast-charging options and applying for competitive grant funding for a property located within 1-mile of any AFC corridor, please contact: [RA-PDEVCorridors@pa.gov](mailto:RA-PDEVCorridors@pa.gov)



Pennsylvania is Committed to Supporting Growth in EV Vehicles. See the Pennsylvania NEVI State Plan 

