



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.

Why 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 min of charging 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

Is Your Business Located On I-81/I-78?

The Pennsylvania Department of Transportation (PennDOT) has developed a Deployment Plan for alternative fuel infrastructure, including DC fast charging, along the I-81/I-78 corridor in PA. (plans for other interstates are anticipated in the future). If you are interested in a project consultation on fast-charging options and possible grant funding for a property located along the I-81/I-78 corridor, please contact:

RA-PDEVCorridors@pa.gov

DRIVING PA FORWARD

YOUR BUSINESS MAY BE ELIGIBLE FOR FUNDING

DC Fast Charging Grant Program

The Pennsylvania Department of Environmental Protection *Driving PA Forward* initiative includes reimbursements for the acquisition, installation, operation and maintenance of DC fast charging equipment. Program funding and eligibility details include:

- More than 1/2 of costs reimbursed for DC fast charging projects, or \$250,000 maximum per award
- Projects must be in PA, publicly accessible, 24/7 operational, networked, and include both CCS and CHAdeMO connector types
- Preferred locations include projects off interstate exits (<5 miles) or in metro areas

Application Opens Fall 2021

Web Link:

[Driving PA Forward Homepage](#)

Scroll down to DC Fast Charging Grant Program to see Guidelines and Instructions

Pennsylvania is Committed to Supporting Growth in EV Vehicles. See the Pennsylvania EV Roadmap: [Web Link to Road Map](#)