



Better Position Your Agency for New EV Funding

The Infrastructure Investment and Jobs Act outlines two new electric vehicle infrastructure programs that will provide funds to help address climate change by reducing carbon emissions.

States Must Submit an EV Infrastructure Deployment Plan for Formula Program by 8/1

The **National Electric Vehicle Formula Program**, or NEVI Program, requires states to **submit a deployment plan** to the Joint Office of Energy and Transportation no later than August 1, 2022. The FHWA will approve eligible plans by September 30, 2022 in order to strategically deploy EV charging infrastructure and establish an interconnected network for data collection, access and reliability.

Have Your EV Charging Network Master Plan Ready Ahead of EV Grant Deadlines

The second program, the **Charging and Fueling Infrastructure Grant Program**, will provide grants to deploy publicly accessible EV charging infrastructure as well as hydrogen, propane and natural gas fueling infrastructure in designated alternative fuel corridors. Defining an actionable EV charging network plan today can prepare you to act fast when final details are made available, allowing you to submit your application while funding is still plentiful.



New EV Infrastructure Funding from the U.S. Department of Transportation

PROGRAM	2022 (in Millions)	2023 (in Millions)	2024 (in Millions)	2025 (in Millions)	2026 (in Millions)
National Electric Vehicle Infrastructure Formula Program	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Charging and Fueling Infrastructure Grant Program	\$300*	\$400*	\$500*	\$600*	\$700*

NOTE: The Federal share payable for projects funded under both programs is 80%.

*50% each year, up to \$15 million per award, is reserved for community grants for publicly accessible parking facilities (not required to be along a designated corridor)

Who is eligible for the program funds?

- ✓ States or political subdivisions of states
- ✓ Metropolitan planning organizations
- ✓ Local government units
- ✓ Special purpose districts
- ✓ Public authorities with a transportation function, including port authorities and Indian tribes

NEVI Formula Program Eligibility Requirements

Formula Program projects must:

- Include the deployment of electric vehicle supply equipment (EVSE)
- Establish an interconnected network to facilitate data collection, access and reliability
- Deploy non-proprietary EVSE that allows open-access payment that is publicly available or available to authorized commercial motor vehicle operators from more than one company
- Be located along a designated FHWA alternative fuel corridor

Charging and Fueling Infrastructure Grant Program Eligibility Requirements

The USDOT will establish a grant program by November 15, 2022, for states and localities requiring additional assistance to strategically deploy EVSE under this program. Priority will be given in rural areas, low- and moderate-income neighborhoods, and communities with limited household parking or majority multiunit dwellings.

For Federal funding, the projects must include:

- Deployment of publicly accessible electric vehicle charging infrastructure, hydrogen fueling infrastructure, propane fueling infrastructure (for medium- and heavy-duty fleets) and natural gas fueling infrastructure along designated alternative fuel corridors or accessible community locations
- An estimate of the reduction in emissions — New in 2022, per Section 11401 of the Bipartisan Infrastructure Bill

8 Key Things to Address in Your Required EV Infrastructure Deployment Plan

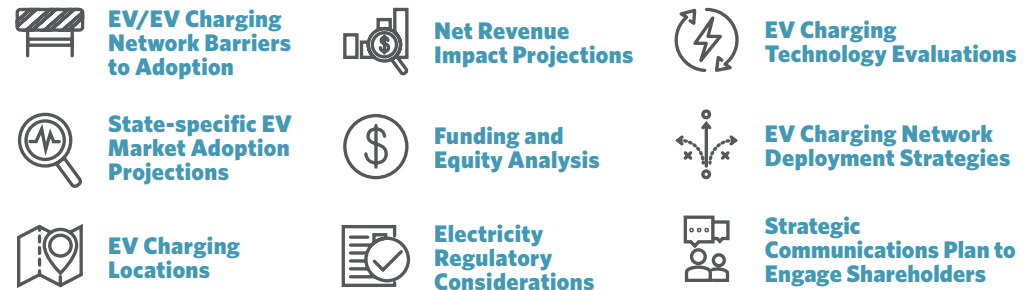
NEVI Formula Program guidance was provided on February 10. We can help you comply with the required plan format by the August 1 deadline to address the following statutory considerations:

- 1 The distance between publicly available EV charging infrastructure
- 2 Electric grid considerations
 - » Connections to the electric grid, including electric distribution upgrades
 - » Vehicle-to-grid integration, including smart charge management or other protocols that can minimize grid impacts
 - » Alignment with electric distribution interconnection processes
 - » Plans for the use of renewable energy sources to power charging and energy storage
- 3 The proximity of existing off-highway travel centers, fuel retailers and small businesses to EV charging infrastructure acquired or funded under the program
- 4 The need for publicly available EV charging infrastructure in rural corridors and underserved or disadvantaged communities
- 5 The long-term operation and maintenance of publicly available EV charging infrastructure to avoid stranded assets and protect the investment of public funds in that infrastructure
- 6 Existing private, national, state, local, Tribal and territorial government EV charging infrastructure programs and incentives
- 7 Fostering enhanced, coordinated, public-private or private investment in EV charging infrastructure
- 8 Meeting current and anticipated market demands for EV charging infrastructure, including regarding power levels, charging speed and minimizing the time to charge current and anticipated vehicles

Put Your Best Foot Forward with an EV Charging Network Master Plan

Experience has shown us that submitting a grant application with an inclusive, realistic and actionable plan makes it a better choice for receiving funds.

You can strengthen your grant application by preparing a charging network plan that includes:



Help When You Need It

If your staff is already stretched to its limit or EVSE expertise isn't in your wheelhouse, HDR can help you:

- Incorporate transportation electrification into planning efforts
- Develop policy for effective EV and charger deployment
- Familiarize staff with EV technology and infrastructure
- Collaborate with utilities and other stakeholders
- Plan and implement public EV fleet transition
- Assist with USDOT grant applications
- Support EV Infrastructure Deployment Plan development to meet formula funding requirements
- Coordinate with third parties on matching funds
- Conduct an equity analysis that considers effects on disadvantaged or marginalized communities
- Outline a strategic communications plan for public engagement

Our impressive federal grant record includes supporting **more than 100 successful grant applications** for federal discretionary grants and receiving **\$2.5 billion** in federal funds.

If you'd like more information, have questions, or would like support positioning for funding, developing required supporting documentation, developing an EV Infrastructure Deployment Plan or applying for Federal grants, please contact us at zeroemissions@hdrinc.com.