National Electric Vehicle Infrastructure Program

Take advantage of the 80% project cost coverage from NEVI

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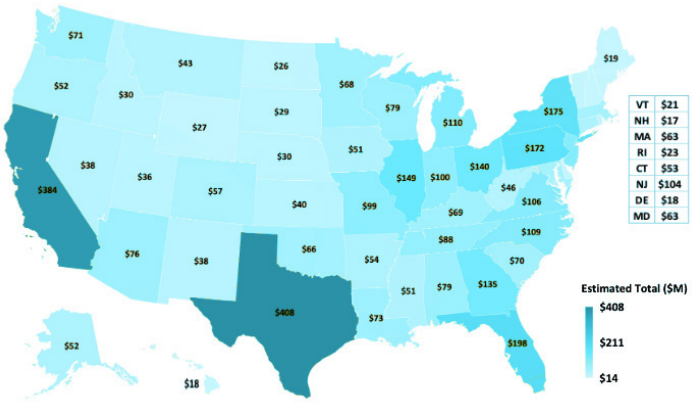
Strategically deploying eMobility with Stem

The Bipartisan Infrastructure Law (BIL) establishes a National Electric Vehicle Infrastructure (NEVI) Program to provide $5 billion over 5 years to States to strategically deploy electric vehicle (EV) charging infrastructure and to establish an interconnected network to facilitate data collection, access, and reliability.

Stem can help partners and customers plan for EV charging along federally-designated Alternative Fuel Corridors (AFC) for charging infrastructure every 50 miles. Stem's eMobility solutions can help partners and end users take advantage of incentives for electrifying transportation and gain value by generating economic, environmental, and resilience benefits. Our experts will help you navigate state-specific requirements and more!



The map shows the total five-year funding for each state in $M.

Project Eligibility

Site Requirements

- Located along a Federal Highway Administration (FHWA) designated Alternative Fuel Corridor
- Located no more than 50 miles from an existing NEVI-compliant EV charging site
- Located no more than 1 mile from an interstate exit or highway intersection
- Open to the public or authorized commercial motor vehicle operators from more than one company
- Provide onsite amenities, i.e., restrooms, WiFi, shelter, etc
- Provide adequate parking space to comply with ADA requirements and other local permitting requirements

Charging Infrastructure Requirements

- Station power capability no less than 600 kW
- Capable of simultaneously charging at least four EVs
- Maximum charge power per DC port should not be below 150 kW

Eligible Costs for NEVI Funds

- Acquisition and installation of EV charging infrastructure including:
  - any upgrades to existing public charging stations to meet NEVI compliance
  - on-site distributed energy resources (i.e., solar and energy storage)
- Operating and maintenance costs for infrastructure for a maximum of five years
- Development activities related to acquisition and installation of charging infrastructure (planning, feasibility analysis, revenue forecasting, preliminary engineering and design work, etc.)
- Costs related to data sharing and charging activities on the EV network

Qualifying Questions

- Is the site located along a designated AFC?
- Is the site no more than 50-miles from an existing NEVI compliant EV charging site?
- Is the site no more than 1-mile from an interstate exit or highway intersection?
- Is the site host willing to provide on-site amenities, such as restrooms, WiFi, etc.?
- Does the project have at least 4 charging ports, at a minimum of 150 kW per port, with a total capacity of at least 600 kW?
- Is the site host able to provide 20% of project costs? If not, are they partnered with an entity who is willing to provide 20% of the project costs?

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Considerations for NEVI Sites

The following are strategic considerations for states to address in their NEVI plans:

- Sites should provide a high level of reliability (>97%) and mitigate adverse impacts to the grid
- Sites should maintain a reasonable cost of charging and minimize demand charges
- System designs should include consideration of distributed renewable energy resources integration and the use of station-level load management that encourages grid stability

The following 17 states have already identified on-site energy storage as a solution to achieve a high level of reliability, minimize demand charges, and provide grid stability: Alabama, Arizona, California, Connecticut, Florida, Indiana, Iowa, Massachusetts, Missouri, Nevada, New Hampshire, New Jersey, North Carolina, Pennsylvania, Texas, Utah, and Virginia.

Benefits

- Offset 80% of total project costs
- Acquire revenue from any charging station session
- Provide the fueling service of the future to customers
- Attract more customers to the site
- Be a part of the national EV charging network
- Accelerate your sustainability goals

Partner with Stem

Stem and our EV partners have the expertise to help you navigate each state's complex application process and help you secure NEVI funding. Plus, Stem's fully integrated, interoperable eMobility solution – where our Athena platform learns from and dictates EV charging behaviors, in addition to optimizing and controlling batteries and solar PV – allows customers to capture and maximize all EV-related value streams, both now and over the long duration of these projects. And because interoperability can't be guaranteed for future retrofits, co-deploying renewables and storage up front is an option many customers should consider.

Partnering with Stem and adding storage to your NEVI site will help you:

Maximize onsite solar
Charge your EVs with locally stored energy from the sun anytime, day or night

Enhance resilience
Utilize clean energy microgrids so your EVs can charge even during power outages

Overcome grid constraints
Leverage solar and storage to expedite EV charging project deployments

Optimize clean energy assets
Reduce utility bill impacts onsite with Stem's energy optimization platform

Unlock co-optimization of value streams
Integrate your interoperable eMobility solution to capture and maximize all EV-related value streams

Trust expert commissioning
Gain expertise with OEM commissioning of storage equipment and provisioning of control systems

Secure your supply chain
Minimize procurement risks with support in design, shipping, and installation

Ensure hardware quality
Get access to top tier hardware from multiple OEMs

To learn more and secure your NEVI funding, visit stem.com/NEVI.