National Electric Vehicle Infrastructure Program
NCSL Legislative Summit

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Joint Office of Energy and Transportation
The future of transportation in our nation and around the world is electric.

Our nation’s ability to manufacture, charge, and repair electric vehicles will help determine the health of our communities, the strength of our economy, and the sustainability of our planet.
Innovation in Infrastructure
Innovation in Government
Established in the Bipartisan Infrastructure Law to address areas of joint interest to the Departments of Energy and Transportation

$300M in FY22 funds to DOT with transfer authority to DOE

9 major areas of emphasis

(1) technical assistance related to the deployment, operation, and maintenance of zero emission vehicle charging and refueling infrastructure, renewable energy generation, vehicle-to-grid integration, including microgrids, and related programs and policies; (2) data sharing of installation, maintenance, and utilization in order to continue to inform the network build out of zero emission vehicle charging and refueling infrastructure; (3) performance of a national and regionalized study of zero emission vehicle charging and refueling infrastructure needs and deployment factors, to support grants for community resilience and electric vehicle integration; (4) development and deployment of training and certification programs; (5) establishment and implementation of a program to promote renewable energy generation, storage, and grid integration, including microgrids, in transportation rights-of-way; (6) studying, planning, and funding for high-voltage distributed current infrastructure in the rights-of-way of the Interstate System and for constructing high-voltage and medium-voltage transmission pilots in the rights-of-way of the Interstate System; (7) research, strategies, and actions under the Departments’ statutory authorities to reduce transportation-related emissions and mitigate the effects of climate change; (8) development of a streamlined utility accommodations policy for high-voltage and medium-voltage transmission in the transportation right-of-way; and (9) any other issues that the Secretary of Transportation and the Secretary of Energy identify as issues of joint interest
Joint Office Mission and Vision

**Mission**
To accelerate an electrified transportation system that is affordable, convenient, equitable, reliable, and safe.

**Vision**
A future where everyone can ride and drive electric.
Joint Office Progress

11/15 Bipartisan Infrastructure Law (BIL) signed into law
12/13 Biden-Harris Electric Vehicle Charging Action Plan released
12/14 Memorandum of Understanding (MOU) between DOE and DOT to establish a Joint Office of Energy and Transportation
2/10 National Electric Vehicle Infrastructure (NEVI) Formula Program Guidance released; Joint Office technical assistance rolls out via DriveElectric.gov
2/18 Joint Office MOU with AASHTO, NASEO
6/9 EV Working Group charter issued; call for nominations closed 7/15
6/22 NEVI Notice of Proposed Rulemaking issued; comments due 8/22
8/1 ALL 52 NEVI plans submitted to the Joint Office
Major BIL Programs Supported by the Joint Office

- National Electric Vehicle Infrastructure Formula Program (U.S. DOT) - $5.0 B
- Discretionary Grant Program for Charging and Fueling Infrastructure (U.S. DOT) - $2.5 B
- Low-No Emissions Grants Program for Transit (U.S. DOT) - $5.6 B
- Clean School Bus Program (U.S. EPA) - $5.0 B
Major BIL Programs Supported by the Joint Office

National Electric Vehicle Infrastructure Formula Program (U.S. DOT)

$5.0 B
NEVI Formula Program Guidance

> Four 150kW DC Fast Chargers with Combined Charging System ports

EV charging every 50 miles along Interstate Highway System within 1 travel mile *

Minimum station power capability at or above 600kW and supports at least 150kW per port simultaneously
NEVI Formula Program Guidance

NEVI Plan Content

- State Agency Coordination
- Public Engagement
- Plan Vision and Goals
- Contracting
- Existing and Future Conditions
- Deployment and Implementation
- Civil Rights, Equity, Justice 40
- Labor and Workforce
- Cybersecurity
- Program Evaluation
- Discretionary Exceptions

52 of 52 plans received by 8/1
**NEVI Formula Program Key Dates**

**Program Development and Initial Planning**

- **Nov 15**: Bipartisan Infrastructure Law Signed
- **Feb 10**: Alternative Fuel Corridor Nominations Solicited
- **May**: NEVI Program Guidance Released
- **Aug 1**: NEVI Proposed Standards and Requirements Issued
- **Sept 30**: State Plans Submitted to Joint Office

**Implementation**

- **Aug 1**: State Plans Certified by FHWA
Thank You

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