Building a Future Where Everyone Can Ride and Drive Electric

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driveelectric.gov
Joint Office Overview and Priorities
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.
The goal is a national network
Joint Office FY23 Priorities

- Continue staffing up as quickly as possible to support demand
- Build community charging expertise in the Joint Office
- Shift TA to implementation of programs (NEVI, CFI, Low-No, CSB) and minimum standards
- Formulate and execute Community and Corridor Grants with Federal Highway Administration
- Proactively address gaps identified in year 1 of the Joint Office
- Mature and scale transit and school bus technical assistance
JO Updates
National Electric Vehicle Infrastructure (NEVI) Formula Program Overview

• $5.0B for **EV Corridors** for FY2022-2026

• Any EV charging infrastructure acquired or installed shall be located along a **designated alternative fuel corridor**

• States required to develop an **EV Infrastructure Deployment Plan**

• FY22-26 BIL sets aside **10 percent of EV Formula funding for grants** to States and local governments that require additional assistance to strategically deploy EV charging infrastructure, as determined by the Secretary of Transportation
National Electric Vehicle Infrastructure (NEVI) Formula Program Updates

- All 50 state plans plus DC and Puerto Rico are approved by FHWA in Sept 2022
  - Unlocking $1.5 B in FY22 and FY23 funding
- Kentucky, Pennsylvania, New Jersey, Texas, and Ohio all have open RFPs, RFIs, or draft versions that are publicly available.
NEVI Charging Station Design

At least 4 ports capable of providing at least 150kW to every vehicle

Power, Ports, and Connectors for Chargers **Every 50 Miles** Along Alternative Fuel Corridors
Discretionary Grant Program for Charging and Fueling Infrastructure – Coming Soon!

- EV charging, hydrogen, propane, and natural gas fueling infrastructure
- 80/20 Federal Cost Share

Divided into two distinct $1.25 billion grant programs:

Corridor Charging Grant Program
- Strategically deploy publicly accessible EV charging infrastructure and alternative fueling infrastructure along designated Alternative Fuel Corridors

Community Charging Grant Program
- Strategically deploy publicly accessible EV charging infrastructure and alternative fueling infrastructure in communities
Status and coordination with state DOTs and SEOs

Joint Office signed an MOU between NASEO and AASHTO in February 2022

**Goal:** Support NEVI implementation and technical assistance, enabling *peer-to-peer learning*

**Activities:**
- Holding in-person regional meetings
- Hosting monthly regional calls
- Convening a national meeting this summer
Approach to Addressing Technical Assistance (TA) Needs

Use TA Channels

- State 1:1 Meetings
- Regional Office Hours
  (Joint Office and NASEO/AASHTO hosted)
- Technical Assistance Inbox
- Webinars
- Newsletter

To Spread Awareness of New and Existing Resources

- Highlight Existing Tools
- Create/Update Tools
- Develop Web Content
- Create New Materials
  (One-Pagers, Checklists, etc.)
- Final Rule
Equity and Justice40 Implementation
Meaningful community engagement can **improve outcomes** by helping to inform decisions with the **needs, interests, and concerns** of affected **stakeholders** and groups.
**EV Charging Justice40 Map**

- **DOT and DOE** developed a joint interim definition of disadvantaged communities
  - Consistent with interim Justice40 guidance
  - Updated May 2022

- Find more at anl.gov/es/electric-vehicle-charging-equity-considerations

**Uses publicly available data sets that captures the following metrics:**

- Transportation access
- Health
- Environmental
- Economics
- Resilience
- Social
Standards and Reliability Initiatives
Success = Achieving a national charging network in 5 years that embodies foundational principles:

(and that creates jobs, EV adoption, and other great things)

Convenient
• Great customer experience

Affordable
• Open market that fosters competition and innovation

Reliable
• Works every time
• Foundations for vehicle-grid integration

Equitable
• Any driver, any EV, anywhere
Today’s poor DCFC reliability is an existential threat to the EV industry and a national network

Must help industry to:
• Measure, improve, and maintain reliability
• Ensure interoperability

...with a continuously increasing number of new players, new products, and new manufacturing facilities

What can the Joint Office do to make an immediate impact?
Joint Office Has Three Key Goals for Improving Charging Reliability

1. **Simplify the ecosystem**
   - Innovate within standards

2. **Facilitate reliability standards, data collection, and sharing**
   - Speak a common language

3. **Create game changers and shortcuts**
   - Take advantage of unique capabilities of national labs and select contractors
What’s Next for the Joint Office?
What’s Next for the Joint Office

- **NEVI Notice of Proposed Rulemaking (NPRM)**
  - NPRM Closed on August 22nd with 380+ comments

- **Buy America**
  - Proposed Waiver Issued for Comment on August 31st

- **Discretionary Charging and Fueling Infrastructure Grants**
  - $2.5B for corridor and community charging grants via BIL

- **NEVI “gap-filling” grants**
  - 10% of NEVI funds are set-aside annually to fund strategic deployment of EV chargers.

- **Designation of Freight Corridors**
  - Federal Highway Administration (FHWA) will initiate the designation of freight EV corridors
What’s Next for the Joint Office

- **Round 7 – Request for Nominations (RFN)**: Solicit nominations from States for **Round 7 of Alternative Fuel Corridor Designations**

- **Technical Assistance**: Expand scope to focus on implementation and address issues related to *permitting, utility issues, siting, right-sizing of stations, future proofing*, etc.

- **MOU Between NASEO/AASHTO**: Support NEVI Implementation and assist the Joint Office with technical assistance and enable **peer-to-peer learning**

- **Electric Vehicle Working Group**: **Convene EV Working Group** Federal Advisory Committee (FACA) per BIL, which will include members from across the public and private sectors in the EV industry
Additional Resources
DriveElectric.gov

Website connects state DOTs and other stakeholders to resources, including:

• Infrastructure planning and implementation guidance
• Data and tools
• News and events
• Technical assistance request form
Goal:
• Reduce greenhouse gas emissions associated with the transportation sector by 2050 and ensure resilient and accessible mobility options for all Americans

Partners:
Rural EV Toolkit Version 2 and Urban EV Toolkit are in development

Rural EV Toolkit Part 2
• Updates based on stakeholder feedback
• Expanded content on
  o Transit vehicles
  o School buses
  o Micromobility
  o Accessible design
• New funding programs, including the Bipartisan Infrastructure Law (BIL)

Urban Toolkit
• Reframed for urban (e.g., benefits/challenges, success stories, resources, funding programs)
• Multifamily, building codes, curbside charging, fleet charging (micromobility, ride-hailing, taxi)
Key Takeaways:

• Thank you for partnering with the Joint Office; we’re better together!

• Continue providing unifying guidance, technical assistance, and analysis

• Expand technical assistance to implementation and execution

• Ensure reliability and equity are pillars to the national network

• The Charging and Fueling Infrastructure Discretionary Grant Program Notice of Funding Opportunity will be out soon!
Thank you!