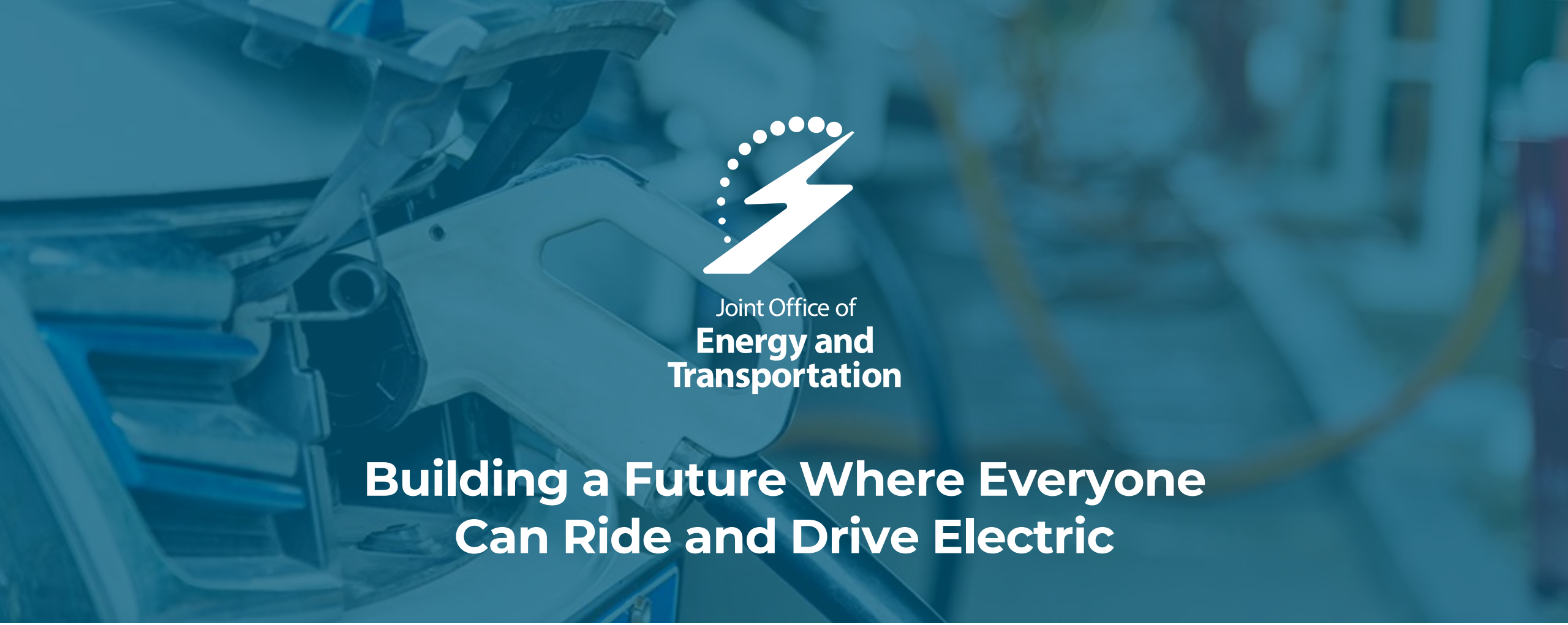

Joint Office of
Energy and
Transportation

Building a Future Where Everyone Can Ride and Drive Electric

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driveelectric.gov

Joint Office Overview

Mission and Vision

JOINT OFFICE OF
Energy and
Transportation

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.

Programs Supported by the Joint Office

National Electric Vehicle Infrastructure (NEVI) Formula Program (U.S. DOT)
$5 billion for states to build a national EV charging network along corridors, including **$148** million awarded to repair and replace non-operational chargers.

Charging & Fueling Infrastructure Discretionary Grant Program (U.S. DOT)
$2.5 billion for communities to build EV charging, as well as hydrogen, natural gas, and propane fueling infrastructure

Low-No Emissions Grants Program for Transit (U.S. DOT)
$5.6 billion for transit agencies to deploy low- and no-emission transit buses

Clean School Bus Program (U.S. EPA)
$5 billion in support of electric school bus deployments

Ride & Drive Funding Opportunity (Joint Office)
$46.5 million to enhance charging resiliency and performance and enhance equitable access

Communities Taking Charge Funding Opportunity (Joint Office)
$54 million to expand community e-mobility access

Right of Way

BIL Language on ROWs

(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 or medium-voltage transmission pilots in the rights-of-way of the Interstate System;

(8) development of a streamlined utility accommodations policy for high-voltage and medium-voltage transmission in the transportation right-of-way

PUBL058.PS (congress.gov)

Federal Government Coordination

State Mapping and Auction Program

(5) establishment and implementation of a program to promote renewable energy generation, storage, and grid integration, including microgrids, in transportation rights-of-way;

1.) Mapping and Data Collection

What: Develop a program which helps states catalogue areas of state-managed ROWs. Mapping will focus on:

1. Areas state DOTs identify as meeting safety and use needs
2. Areas that are prime for the development of transmission, solar, storage, or microgrids (EV stations could also be added to this list)

Outcomes: States have ready access to information about areas of the ROWs that are useful for development of DERs and other energy resources. Easier for them to make investments.

2.) Toolkits for state DOTs

What: *Develop a comprehensive roadmap for state DOTs to understand the process of development within the ROWs.*

Included within this Roadmap will be:

1. *Case Studies of processes successful states have taken*
2. *Assessment of funding streams*
3. *How-to-Guide various development pathways*

Outcomes: *States have tools and strategies for investing in ROWs. They also have access to information about financial returns.*

3.) ROW Auction Clearinghouse

What: *Assist states in designing an auction clearinghouse that will allow them to auction leases for ROW parcels identified as meeting safety, maintenance, and site suitability requirements.*

- *Including an assessment of feasibility of auction process*
- *Develop templated contracting language states can insert into their leasing process*

Outcomes: *A seamless pipeline for developers to access information about ROWs that are available for development.*

ROWs and Transmission National Summit

(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 or medium-voltage transmission pilots in the rights-of-way of the Interstate System;

(8) development of a streamlined utility accommodations policy for high-voltage and medium-voltage transmission in the transportation right-of-way

1. National Summit

What: A national road mapping meeting that brings together stakeholders from all aspects of the transmission planning and ROW development world. The NAS can produce a summary and assessment of the event that can be used to develop a national strategy. The result of the meeting is an issue identification and gaps analysis paper that can be used to design subsequent work.

Outcomes: Grounding for national conversation on developing transmission in ROWs; elements that can contribute to the development of the national strategy and gaps analysis. Information for Congress.

2. National Strategy and Gaps Analysis

What: Building from the national summit and subsequent conversations with stakeholders develop a planning studying which builds from the National Transmission Planning Study and the National Transmission Needs Study to scope transmission in the ROWs. This study can also be used to lay the foundation for a funding vehicle for HVDC and MV.

Outcomes: Broader understanding of issues associated with developing transmission in interstate ROWs; possible next steps for impacted actors. Information for Congress.

3. Funding Program

What: *Using the gaps analysis develop a funding vehicle for HVDC in the ROW system including a pilot for MV and HVDC*

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Outcomes: *A program that focuses support on elements identified in the gaps analysis, likely supporting regulatory barriers as opposed to capital investments*

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Thank You

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