



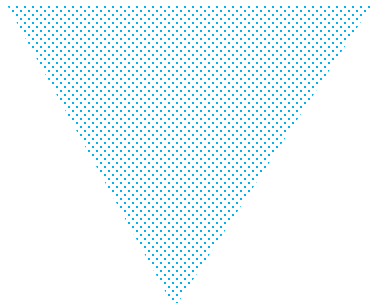
Joint Office of
**Energy and
Transportation**

A Future Where Everyone Can Ride and Drive
(and Move Freight)
Electric

Alex Schroeder
May 30, 2024

driveelectric.gov

Mission and Vision



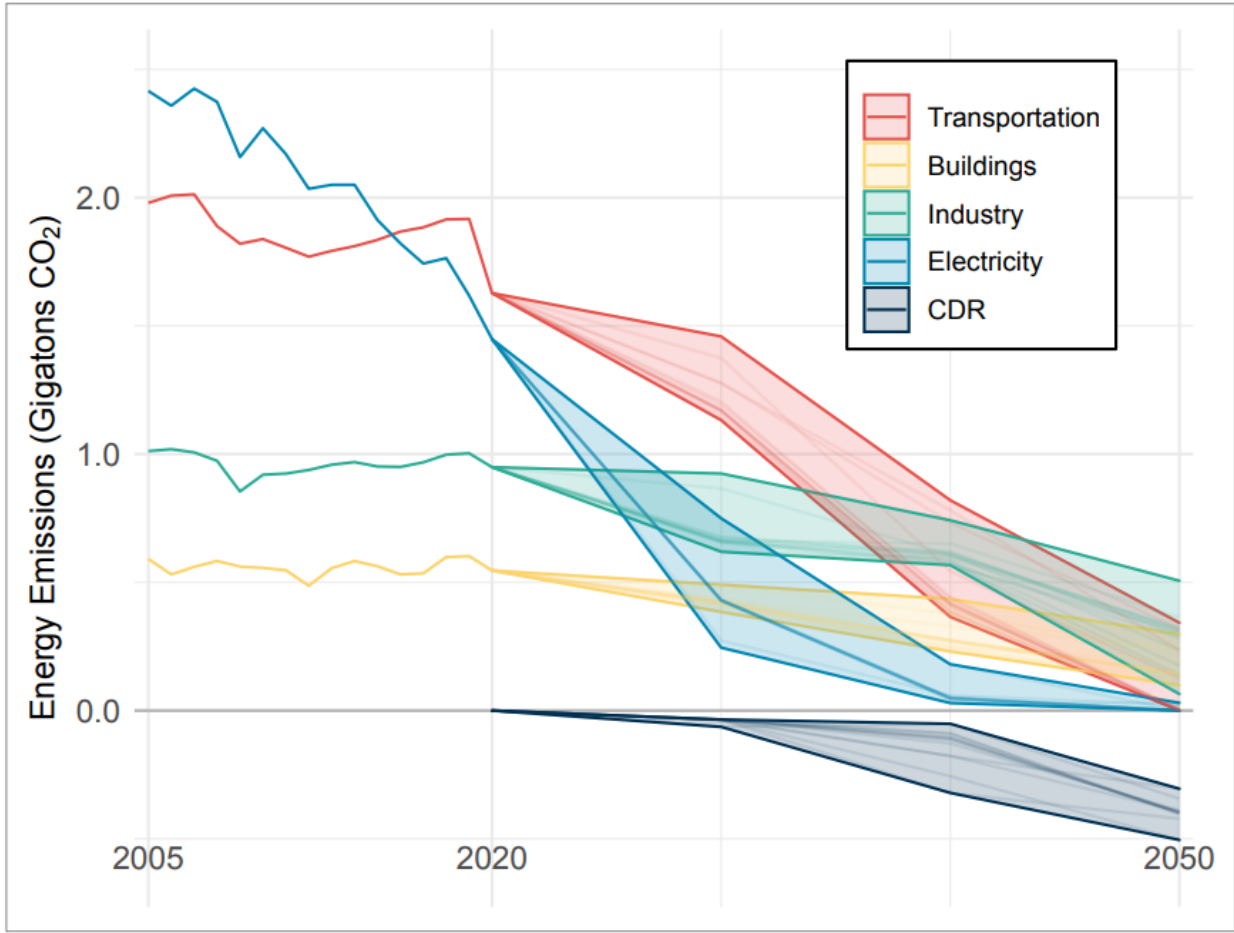
Mission

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

Vision

A future where everyone can ride and drive electric.

This is the **biggest change to our transportation system in a century** – and we are right in the middle of it.



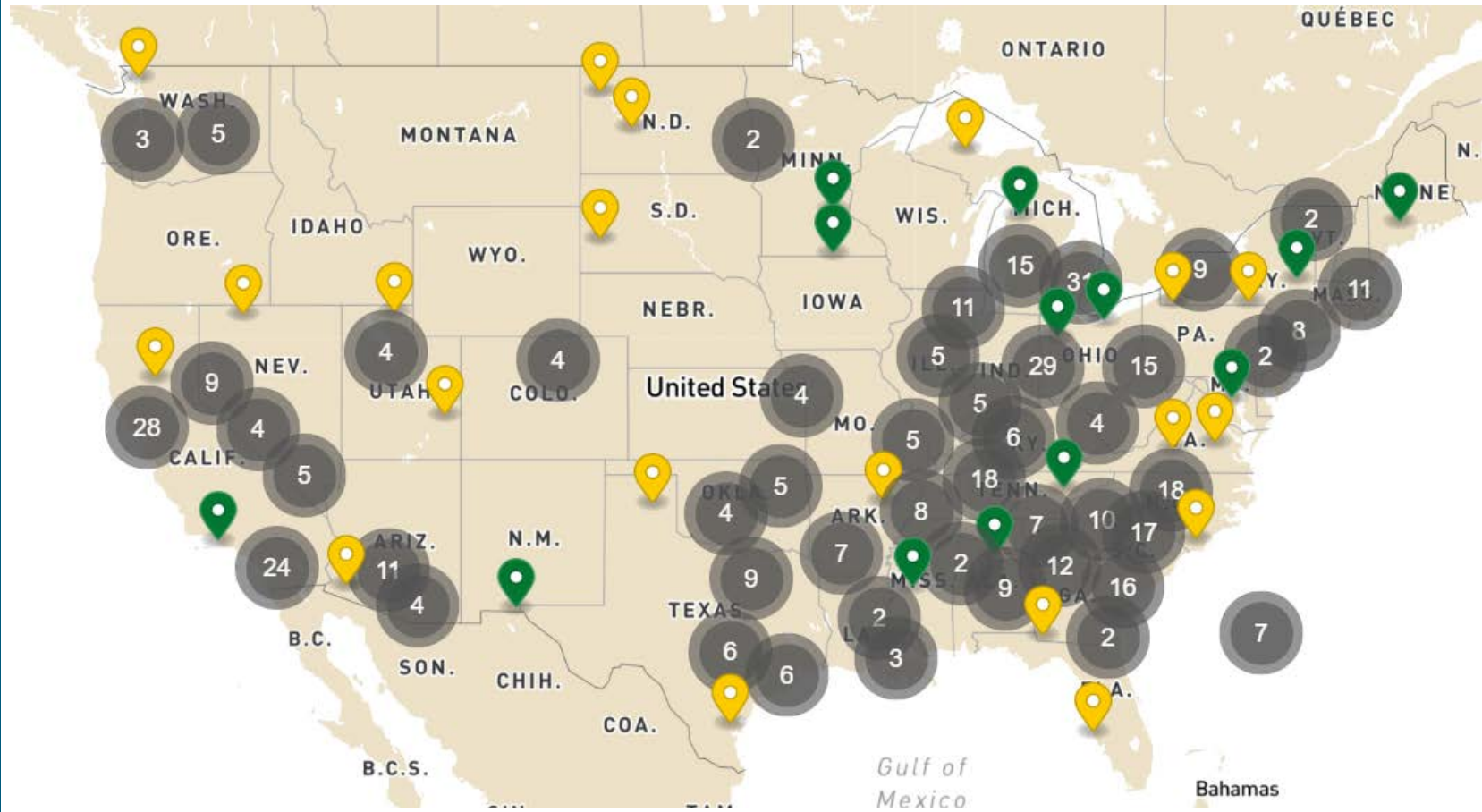
Source: U.S Department of State and Executive Office of the President
November 2021

Historic Investment in American Manufacturing

>\$120 billion in the battery supply chain

>\$40 billion in EV manufacturing

>1M in annual EV charger manufacturing capacity



Major BIL Programs Supported by the Joint Office



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

\$5.0B



**National Electric
Vehicle
Infrastructure
Discretionary
Program (U.S. DOT)**

\$2.5B



**Low-No Emissions
Grants Program for
Transit (U.S. DOT)**

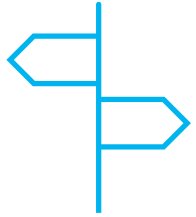
\$5.6B



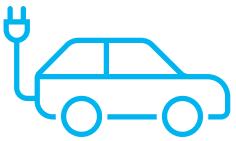
**Clean School Bus
Program (U.S. EPA)**

\$5.0B

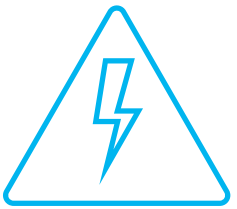
NEVI Formula Program – Initial Emphasis



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



≥ **Four 150kW DC Fast Chargers** with Combined Charging System ports

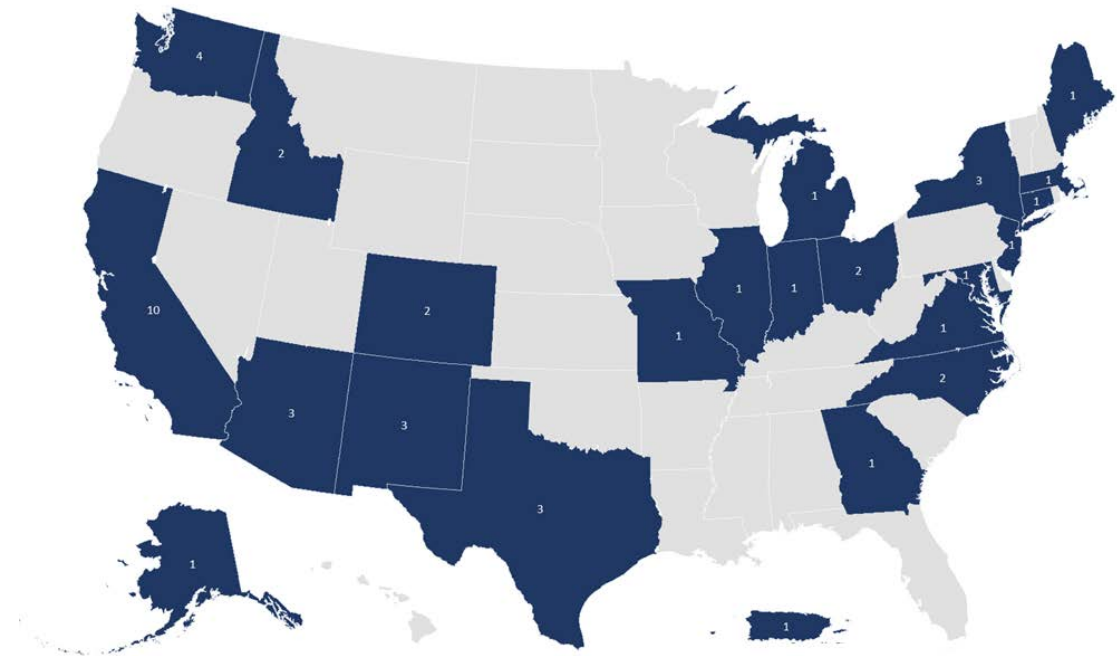


Minimum station power capability at or above **600kW** and supports at **least 150kW per port** simultaneously



Discretionary Grant Program for **Charging and Fueling Infrastructure (CFI)**

- **\$623 million** awarded January 2024
- **47** EV charging and alternative-fueling infrastructure projects
- **22 states** and Puerto Rico, 2 tribes
- Building about **7,500 EV charging ports**



Coming Soon: Round 2 CFI Funding Announcement



Corridor Projects

focus on:
long-distance travel and
connecting major areas

Example Projects

\$70 million to the North Central Texas Council of Governments

- **What:** **Five** hydrogen fueling stations for medium- and heavy-duty freight trucks
- **Where:** Dallas-Fort Worth, Houston, Austin, and San Antonio.
- **Goal:** Create a hydrogen corridor from southern California to Texas.

\$15 million to Energy Northwest

- **What:** A joint operating agency in Washington State to install **40** fast chargers and **12** Level 2 chargers
- **Where:** Western Washington State and northern Oregon.
- **Goal:** Provide EV access to largely rural and disadvantaged communities, including on Indigenous Tribal lands.



Community Projects

focus on:

underserved communities,

multifamily housing

multimodal transportation

and workforce development

Example Projects

\$10 million to the New Jersey Department of Environmental Protection

- Build EV charging stations for residents in multi-family housing in disadvantaged communities and rural areas near transit stations
- Encourage the use of shared transportation services

\$15 million to the Maryland Clean Energy Center

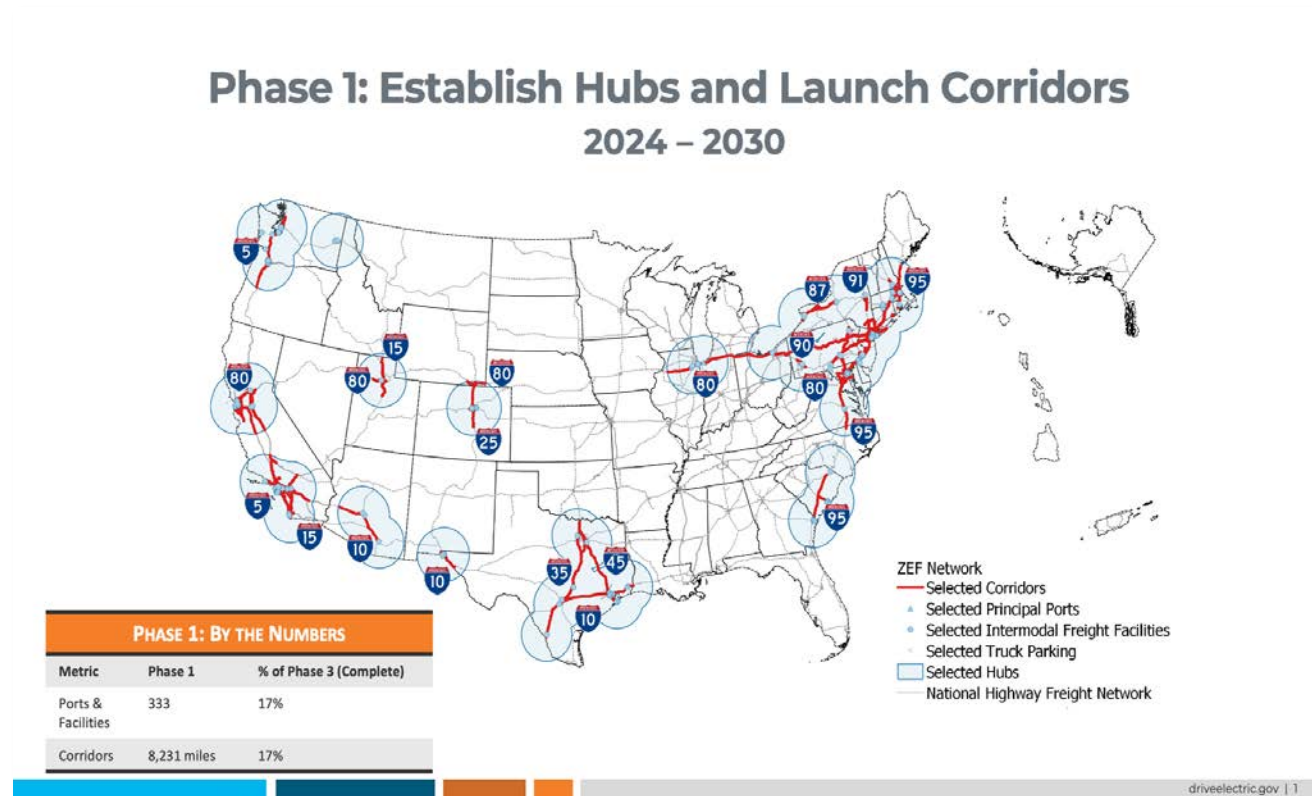
- Build **58** EV charging stations in urban, suburban and low- and moderate-income communities and **34** disadvantaged communities with multi-family housing
- Include workforce development programs.

\$15 million to the County of Contra Costa in California

- Build a total of **52** fast chargers and **60** Level 2 chargers at **15** branch locations of the county's library system.

Goal

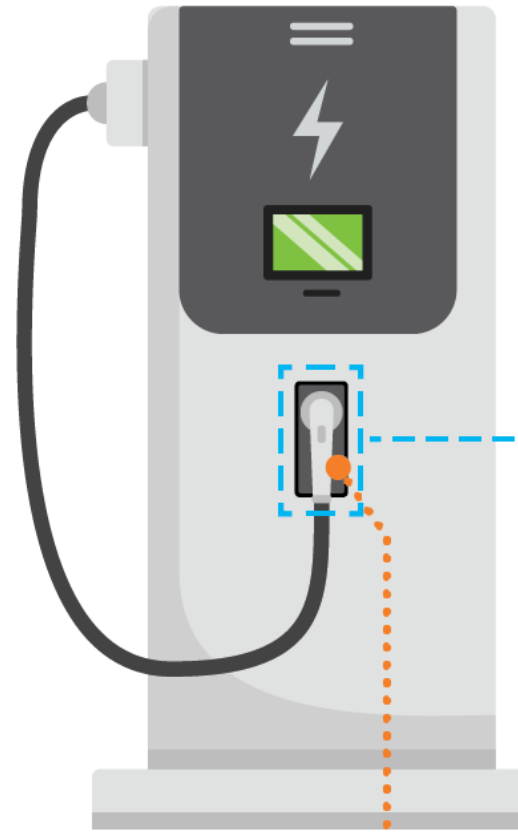
The *National Zero-Emission Freight Corridor Strategy* seeks to **align and accelerate cross-sector investments** in zero-emission medium- and heavy-duty vehicle (ZE-MHDV) infrastructure and **clearly signal the need to bolster electric grid and hydrogen planning** to achieve a zero-emission freight network by 2040.



EV Charging Minimum Standards

The foundation of a convenient,
affordable, reliable, and equitable
national EV charging network

*Coming Soon: RFI on Medium and
Heavy-Duty Charging Technology*



Accessibility
Certification
Data
Interoperability
Payment
Port Types
Power Levels
Pricing
Qualified Workers
Signage
Uptime



Joint Office of
**Energy and
Transportation**

Thank You

driveelectric.gov