







🔚 IIJA and the NEVI Program

- The 2021 Infrastructure Investment and Jobs Act (IIJA), authorized \$7.5 billion in federal funds to support electric vehicle (EV) chargers.
- \$5 billion in formula funds; \$2.5 billion discretionary grant program
 In February 2022, guidance was issued for the National Electric Vehicle Infrastructure (NEVI) Program, which provides federal funds for EV charging infrastructure.
- To receive funds, states developed plans to create a charging network along major corridors.

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🐚 Iowa's Approach



Iowa DOT partnered with the Iowa Economic Development Agency (IEDA) to oversee development of an EV Infrastructure Deployment Plan that supports the transportation electrification efforts for Iowa.

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lowa's Commitment to Fuel Diversity

- Iowa is a proud and nationally recognized leader in renewable energy and biodiesel and ethanol production. Our state has made a significant investment in renewable fuels infrastructure. State leaders, local communities, private companies, and utilities are making solid progress to add electric vehicle infrastructure to our diverse fuel mix.
- Iowa will remain unwavering in our support for varied fuel resources and associated infrastructure, including ethanol, biodiesel, propane, renewable natural gas and electric.

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EV Charging Stations LEVEL 1, LEVEL 2 & LEVEL 3 4-120v 1240v 480V 0 5 Ø u) Ū \$\$ \$\$\$ \$ EVEL 1 LEVEL 2 LEVEL 3/FAST CHARGER Charging stations across the U. the U.S ge charging ling rate it Cost: \$125K+, CIOWADOT





































NEVI Requirements for State EV Plans -

- Allow access to public and commercial fleet operators
- Prioritize EV charging stations along designated corridors
- Address needs for EV charging infrastructure in rural corridors and underserved or disadvantaged communities
- Provide long-term operation and maintenance
- * Include existing EV charging infrastructure programs and incentives
- Catalyze additional private investment
- Consider consumer protection, cyber-security, domestic manufacturing, emergency evacuation planning, environmental permitting, resilience, and terrain related issues

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What is an Alternative Fuel Corridor?

ALTERNATIVE FUEL CORRIDORS (AFC) are federally designated routes on major highways that allow for inter-city, regional and national travel using alternative fuel vehicles — like EVs.

Iowa's designated EV AFCs are I-29, I-35, I-80 and I-380.







PLAN VISION

A readily accessible EV ecosystem that promotes mobility, reliability, and sustainability for the overall economic and social wellbeing of Iowa.















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