



ARIZONA TRANSPORTATION ELECTRIFICATION FORUM

Virtual Event I July 6th, 2022
9:00 A.M. - 1:00 P.M. (PDT/AZTime)

**We will begin the forum shortly. Please mute your audio and
turn off your video.
Thanks for joining!**



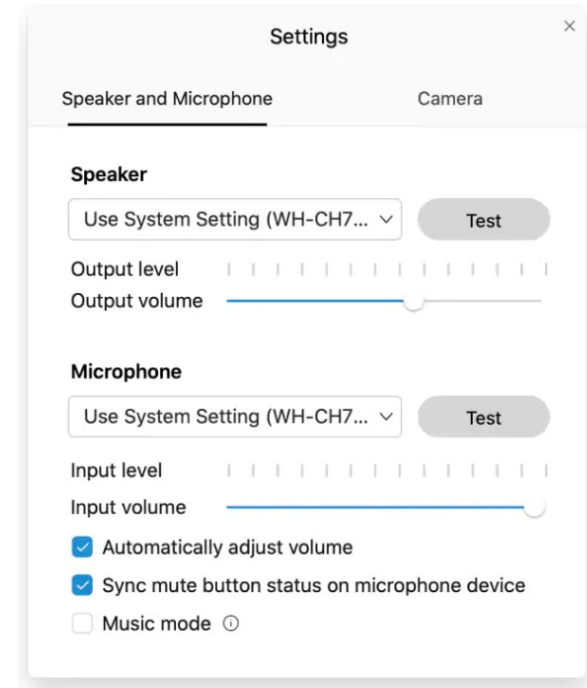
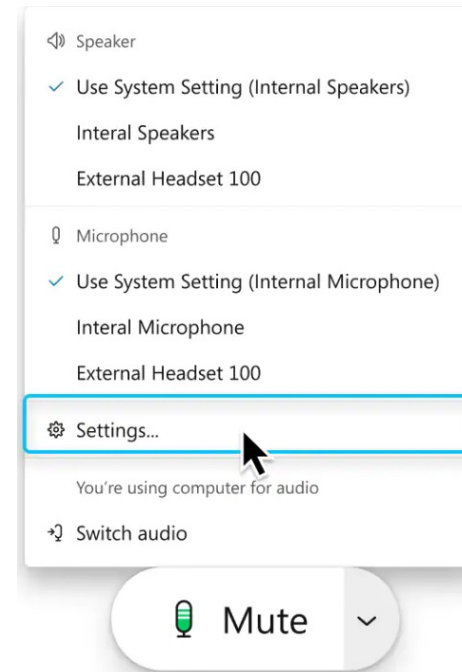
Emcee Welcome and Introduction

Caryn Potter, Arizona
Representative, Southwest Energy
Efficiency Project (SWEEP)



Technology Reminders

- Please type any questions into the chat - questions are welcome!
- All attendees will be muted and have their videos turned off until the breakout sessions.
- During the concurrent case study sessions, all attendees will be encouraged to have their videos on for active participation and dialogue.
- The presentations and recordings will be sent around to all attendees after the forum.
- If you have technical questions, contact Ellie Peichel at Plug In America: epeichel@pluginamerica.org



WELCOME SPEAKERS

JOEL LEVIN

EXECUTIVE DIRECTOR
PLUG IN AMERICA



SANDRA WATSON

PRESIDENT & CEO
ARIZONA COMMERCE AUTHORITY



JOHN HALIKOWSKI

DIRECTOR,
AZ DEPARTMENT
OF TRANSPORTATION



Overview of State EV Infrastructure Deployment Plans and Arizona's State Plan

Steve Lommele

Joint Office of Energy and Transportation



Disclaimer

NPRM: DOT Ex Parte Communications Procedures – available at [Guidance on Ex Parte Communications](#) | US Department of Transportation

Any issues discussed today related to FHWA's National Electric Vehicle Infrastructure Formula Program rulemaking are subject to DOT's ex parte guidelines. Under those guidelines:

1) DOT is the receiver of information:

- DOT personnel can listen, ask clarifying questions, and answer factual questions about public documents
- DOT personnel cannot negotiate or provide any substantive, non-public information

2) DOT docket information for transparency:

- DOT will docket information or memoranda memorializing communications as soon as possible. DOT's intent is to ensure notice of any ex parte meetings and an opportunity to comment on any information submitted during an ex parte meeting.



Joint Office of
**Energy and
Transportation**

Overview of the Joint Office

July 6, 2022

Steve Lommele, Interim Team Lead for Stakeholder Engagement

driveelectric.gov

Joint Office of Energy and Transportation

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

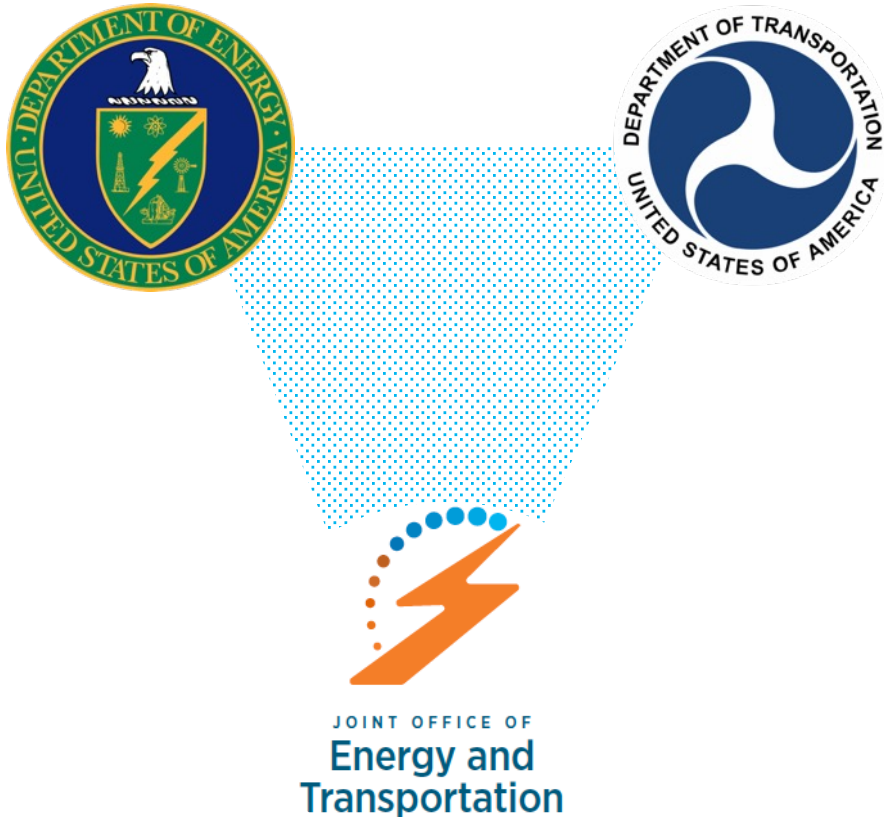
9

major areas of emphasis

Areas of emphasis summary

- 1) **technical assistance of vehicle charging**
- 2) data sharing
- 3) performance of a national and regionalized study vehicle charging
- 4) training and certification programs
- 5) a program to promote renewable energy generation, storage, and grid integration
- 6) transmission pilots in the rights-of-way
- 7) research, strategies, and actions to mitigate the effects of climate change
- 8) development of a streamlined utility accommodations policy for transmission in the transportation right-of-way
- 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.

Immediate-Term Bipartisan Infrastructure Law Priorities for the Joint Office

The Joint Office will provide unifying guidance, technical assistance, and analysis to support the following programs:



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

\$5 billion for states to build a national EV charging network along corridors



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

\$2.5 billion in community grants for 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 in support of low- and no-emission transit bus deployments



Clean School Bus Program (U.S. EPA)

\$5 billion in support of electric school bus deployments

NEVI Formula Program- Important 2022 Dates

Feb 10:

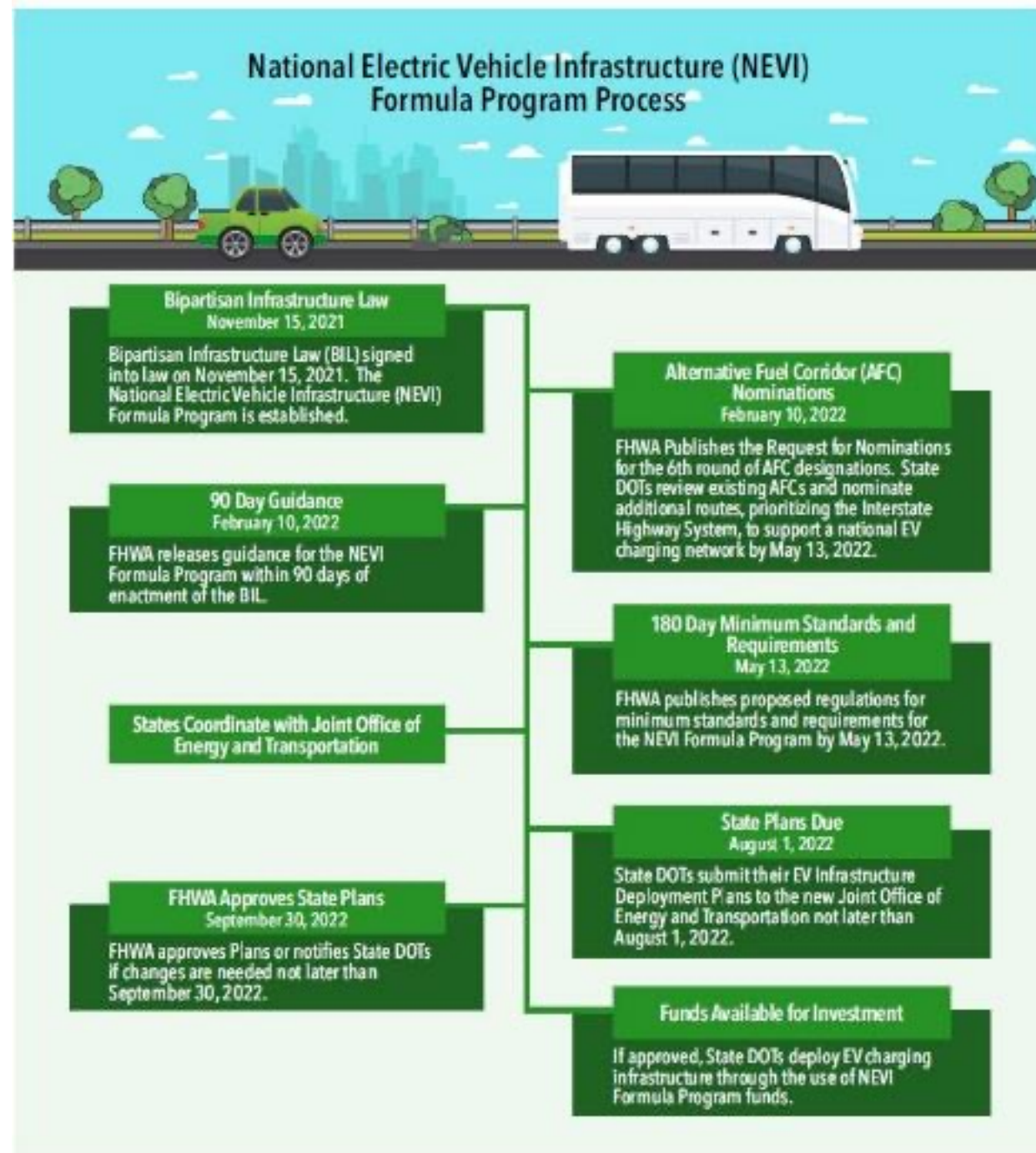
- NEVI Formula Program Guidance
- Alt Fuel Corridor Round 6 Request For Nominations

May/June:

- 180 Day Minimum Standards published
- Round 6 Nominations Due

Aug 1: State Plans Due

Sept 30: FHWA approves State Plans



NEVI Formula Program Guidance

Publication kicks off the state
planning process:

- Funding Features
- State EV Infrastructure
Deployment Plans
- Project Eligibility Provisions
- Program Administration
- Technical Assistance and Tools

National Electric Vehicle Infrastructure Formula Program

Bipartisan Infrastructure Law



Program Guidance

Federal Highway Administration
February 10, 2022

NEVI Formula Program Guidance – EV Charging

Provides guidance on EV charging infrastructure attributes:

- EV charging infrastructure is installed **every 50 miles** along the State's portions of the Interstate Highway System **within 1 travel mile of the Interstate**, unless a discretionary exception has been granted;
- EV charging infrastructure includes **at least four 150kW DC Fast Chargers with Combined Charging System (CCS) ports** capable of simultaneously charging four EVs;
- EV charging infrastructure has minimum station power capability **at or above 600kW and supports at least 150kW per port simultaneously across four ports for charging**;
- Such additional considerations deemed necessary and appropriate by the Secretary of Transportation.

NEVI Formula Program- Project Funds Eligibility

- The **acquisition or installation of electric vehicle charging infrastructure**;
- **Operating assistance** for costs allocable to operating and maintaining electric vehicle charging infrastructure acquired or installed under this program, for a period not to exceed five years;
- **Development phase activities** relating to the acquisition of stations and equipment as well as installation of EV charging infrastructure
 - This includes community outreach and participation, including with rural, Tribal, and disadvantaged communities, to facilitate equitable and accessible deployment of EV charging infrastructure
- **On premises signs** to provide information about electric vehicle charging infrastructure acquired, installed, or operated.
- **Data sharing** about EV charging infrastructure to ensure the long-term success of investments
- The acquisition or installation of **traffic control devices** located in the right-of way to provide directional information to electric vehicle charging infrastructure acquired, installed, or operated under the NEVI program
- **Mapping and analysis activities** to evaluate, in an area in the United States designated by the eligible entity

Details Available:

Section IV.A- Project Eligibility Provisions

NEVI Formula Program – Draft Standards & FAQs (06/09)

Frequently Asked Question Highlights:

- Eligible program costs
- Guidance for including disadvantaged communities in planning and deployment
- Exception requests for station locations

Notice of Proposed Rulemaking Highlights:

- CCS connector standard
- Plug and Charge (ISO 15118) protocol
- Data Reporting Requirements
- 97% uptime expectation
- *We are currently in a public comment period – please submit feedback on www.regulations.gov!*

National Electric Vehicle Infrastructure (NEVI) Formula Program Q&A

NEVI Formula Program
Except for the specific provisions of this regulation, this regulation has no effect on the NEVI Formula Program. For more information regarding the NEVI Formula Program, please refer to the NEVI Formula Program Informational Document.

DEPARTMENT OF TRANSPORTATION [4910-22-P]
Federal Highway Administration
23 CFR Part 680
[Docket No. FHWA-2022-0008]
RIN 2125-AG10

National Electric Vehicle Infrastructure Formula Program

AGENCY: Federal Highway Administration (FHWA), U.S. Department of Transportation (DOT).

ACTION: Notice of proposed rulemaking (NPRM); request for comments.

SUMMARY: The FHWA proposes to establish regulations setting minimum standards and requirements for projects funded under the National Electric Vehicle Infrastructure (NEVI) Formula Program and projects for the construction of publicly accessible electric vehicle (EV) chargers funded under title 23, United States Code. The standards and requirements proposed would apply to the installation, operation, or maintenance of EV charging infrastructure; the interoperability of EV charging infrastructure; traffic control device or on-premises signage acquired, installed, or operated in concert with EV charging infrastructure; data, including the format and schedule for the submission of such data; network connectivity of EV charging infrastructure; and information on publicly available EV charging infrastructure locations, pricing, real-time availability, and accessibility through mapping applications.

DATES: Comments must be received on or before [INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].


For further information, please visit <https://www.fhwa.dot.gov/infrastructure/NEVI/>.

Frequently Asked Questions – Overview

- Engagement with states revealed several areas of uncertainty pertaining to the NEVI Formula Program
- Top themes from conversations were consolidated into a FAQ document, posted on driveelectric.gov
- The 52 FAQs are intended to provide clarity to states as they develop their plans, as well as other stakeholders interested in the program

driveelectric.gov

An official website of the United States government [Here's how you know](#) ▾

 Joint Office of Energy and Transportation

About **Technical Assistance** Data & Tools News & Events Work with Us Contact

Technical Assistance

The Joint Office of Energy and Transportation provides technical assistance on planning and implementation of a national network of electric vehicle chargers and zero-emission fueling infrastructure as well as zero-emission transit and school buses. Initially, the Joint Office will work with states and key stakeholders to build capacity for electric vehicles, plan for charging infrastructure, and implement approved state plans. Additional support is provided for deploying electric school buses and electric transit buses.

Build Your State EV Charging Plan

Use these resources for building a state plan:

- [Guidance for states](#) from the Federal Highway Administration
- [State plan template](#) recommended for developing a plan
- [Exception template](#) for requesting discretionary exceptions from the requirements
- [Notice of proposed rulemaking](#) for NEVI minimum standards
- [Frequently asked questions](#) about the NEVI program
- [State NEVI planning websites](#) on the Alternative Fuels Data Center

Frequently Asked Questions – Content by Topic

The FAQs span the following topic areas:

- **General Questions** (18)
 - Submission and approval timelines, Title 23, ADA, etc.
 - Most frequent question: *When must first year's plans be submitted?*
Answer: *August 1, 2022, with content reflecting funding for Fiscal Year 2023*
- **Eligible Expenditures** (10)
- **Operation and Maintenance Costs** (1)
- **Program Administration Costs** (3)
- **Utility Planning** (2)
- **Public Engagement** (4)
- **Equity Considerations** (8)
- **Permitting and Environmental Review** (4)
- **Technical Assistance** (2)

Frequently Asked Questions – Exception Process

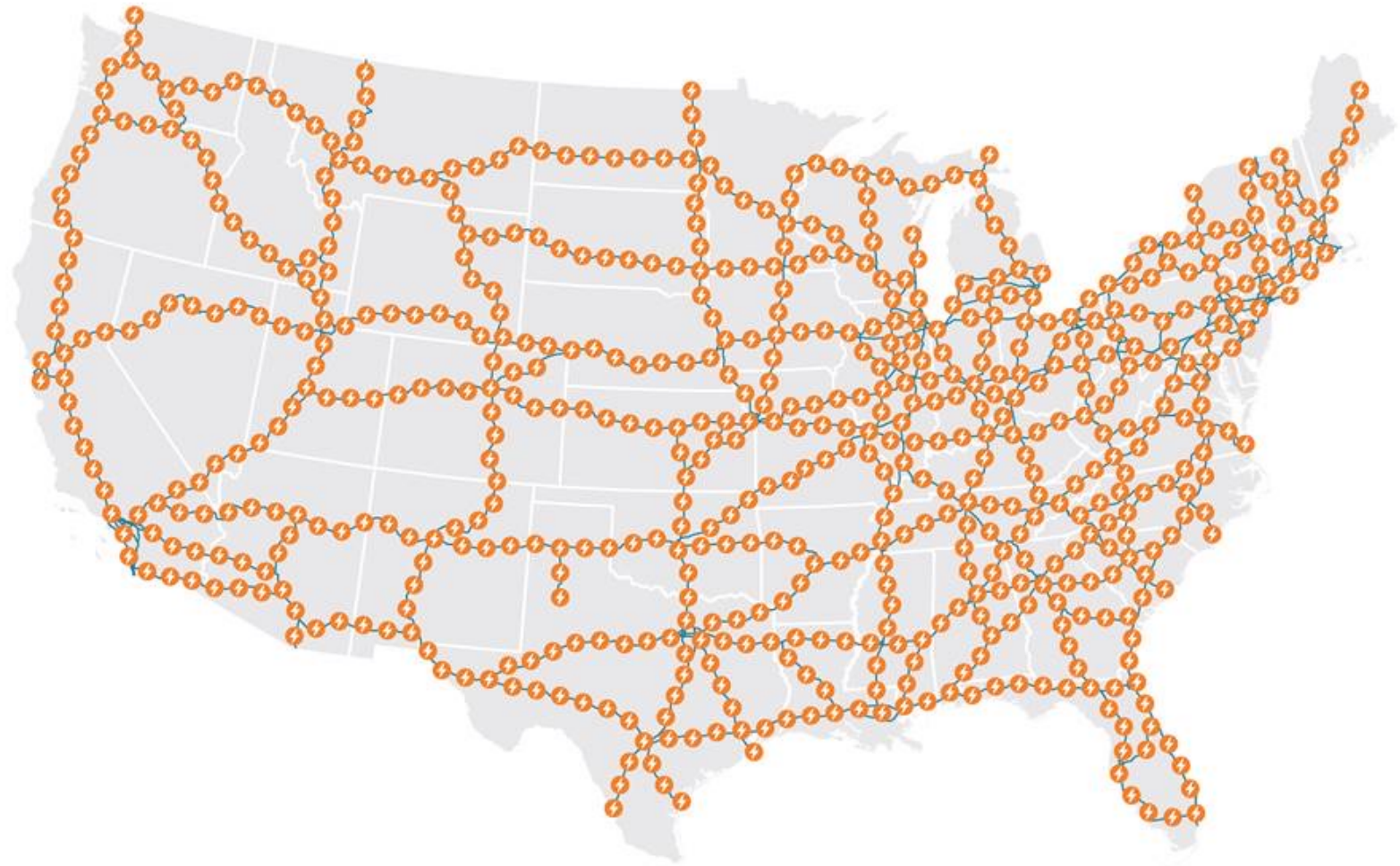
Question: New EV charging stations should be spaced 50 miles apart and within one mile of the Interstate exit or highway. Can States request exceptions from these requirements?

- Exceptions will be granted under limited circumstances **on a case-by-case basis, approved in conjunction with annual state plan certification.**
- As part of the development and approval of Plans, a State DOT **may submit a request for discretionary exceptions from the requirement that charging infrastructure is installed every 50 miles along designated Alternative Fuel Corridor highway and within 1 travel mile** of the designated Alternative Fuel Corridor highway.
- A template for requesting such discretionary exceptions has been developed and is available on the Joint Office of Energy and Transportation website at <https://driveelectric.gov/technical-assistance/>.
- Discretionary exceptions against the 50-mile and 1-mile criteria **may be considered for reasons related to grid capacity, geography, equity, and extraordinary cost**, as explained further in the instructions for the discretionary exception template.

Location and Request for Public Comment

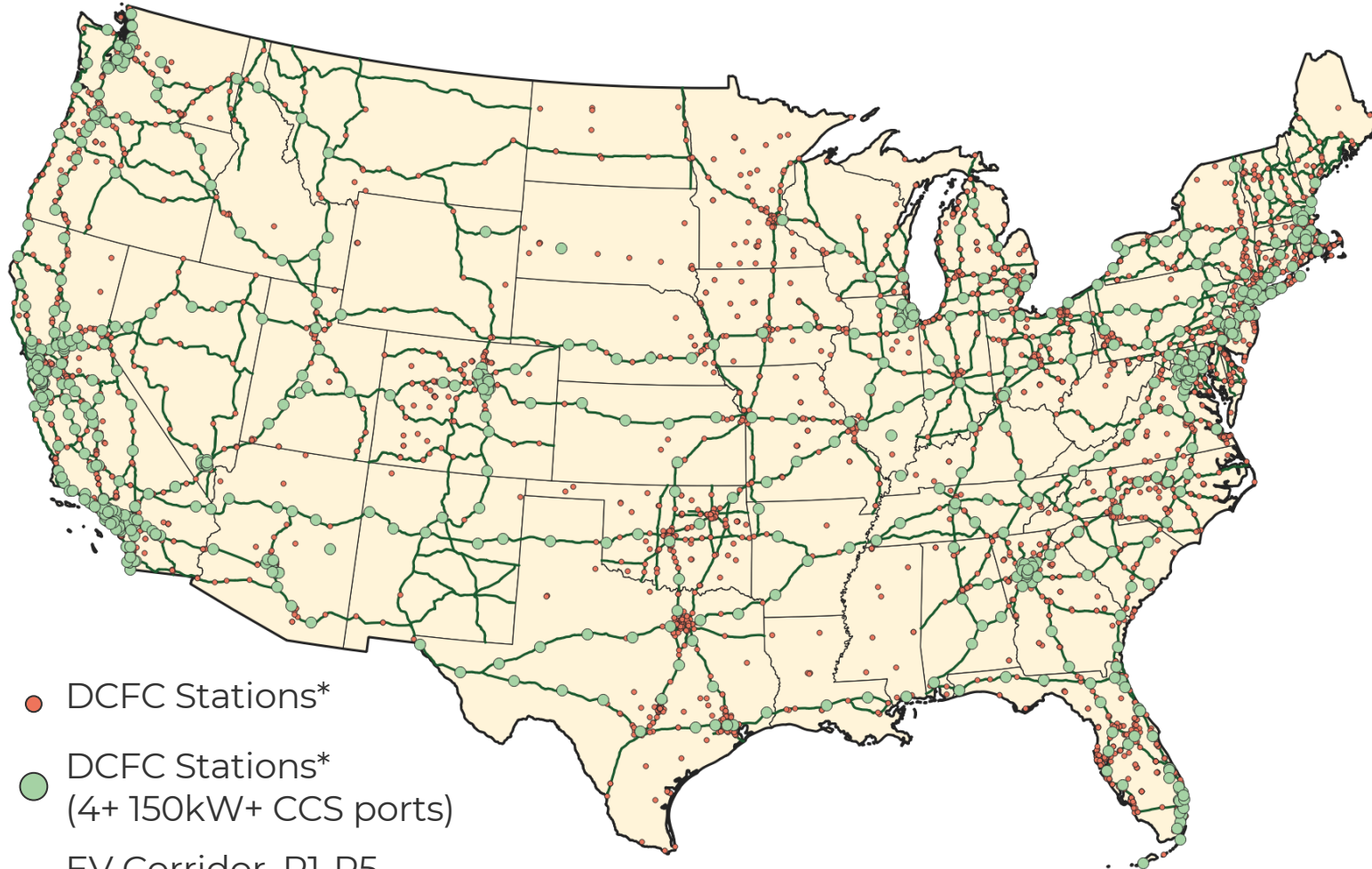
- NPRM was published in the Federal Register:
<https://www.federalregister.gov/documents/2022/06/22/2022-12704/national-electric-vehicle-infrastructure-formula-program>
- Public comments are requested by August 22, 2022
- Comments may be submitted by one of the following means:
 - **Online:** <https://www.regulations.gov/docket/FHWA-2022-0008/document>
 - **Mail:** Docket Management Facility, U.S. Department of Transportation, 1200 New Jersey Avenue SE, Washington, D.C. 20590
 - **Hand Delivery:** U.S. Department of Transportation, Docket Operations, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, D.C. 20590, between 9 a.m. and 5 p.m., Monday through Friday, except federal holidays (phone number is 202-366-9329)

The goal
is a
national
network



How do we connect regions? The Nation?
How do we ensure that network is convenient, affordable, reliable,
equitable, and safe?

Existing Corridors, Charging Network



- DCFC Stations*
- DCFC Stations*
(4+ 150kW+ CCS ports)
- EV Corridor, R1-R5
(Ready & Pending)

- EV Alt. Fuel Corridor build out is the near-term priority of the NEVI program
- Round 6 nominations are currently being processed

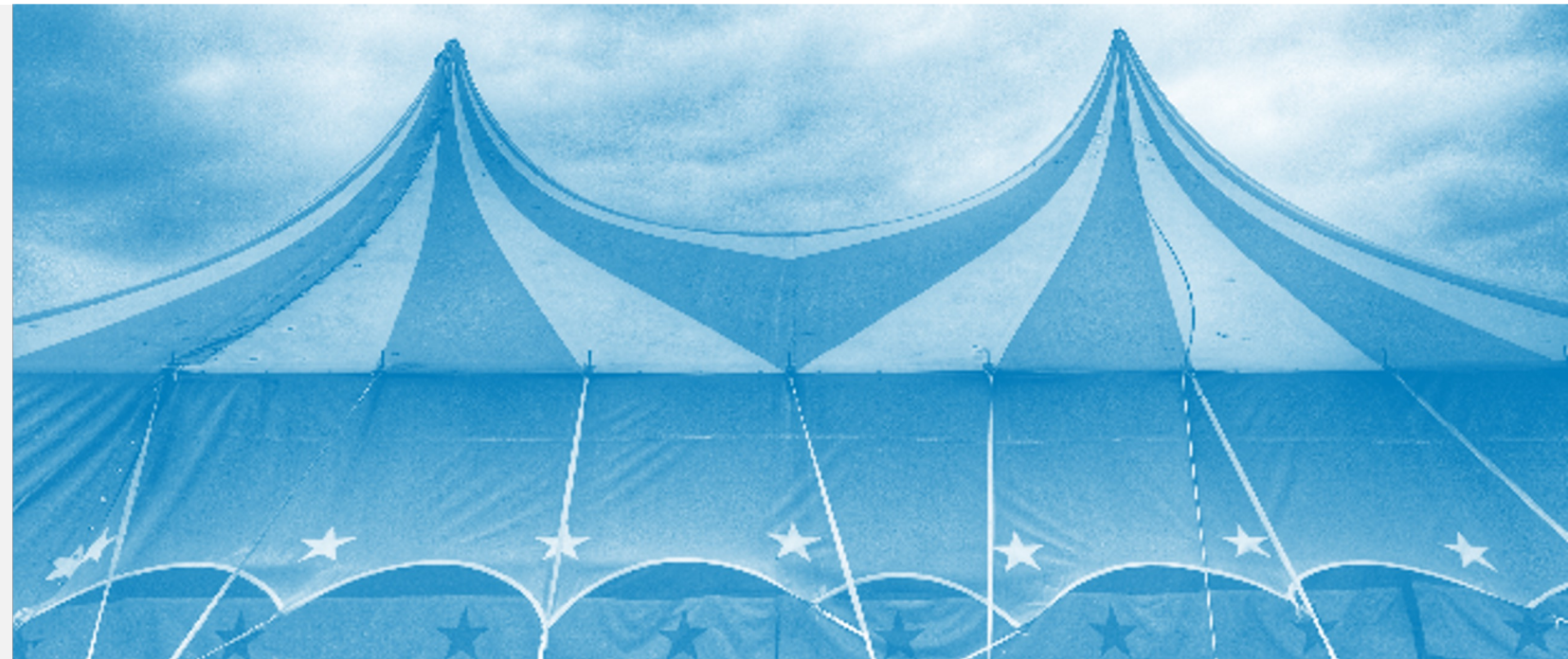
*[*Alternative Fuels Data Center Station Locator, Accessed June 15](#)*

Joint Office Technical Assistance Principles

Respectful collaboration with the electric charging experts that have preceded the Joint Office to accomplish our shared vision:

A future where everyone can ride and drive electric

- In our goal to build a reliable, convenient, equitable national network, Technical Assistance will
 - Dive into the hard challenges alongside states and our partners in order to create something revolutionary.
 - Help states getting started build on the successes and learn from the challenges of states with more mature networks.
 - Utilize the people, programs, and relationships that came before us and enable future charging experts.



State One on One Meetings

Individual meetings between states and the Joint Office

52 meetings held

- Addressing questions/concerns related to NEVI Formula Program & Round 6 AFC nominations
- General assistance developing NEVI State Plans
- Support with Round 6 AFC nominations
- Clarification on NEVI Program Guidance or 180-day Minimum Standards & Requirements

Email or use contact form for assistance

State one on one meetings

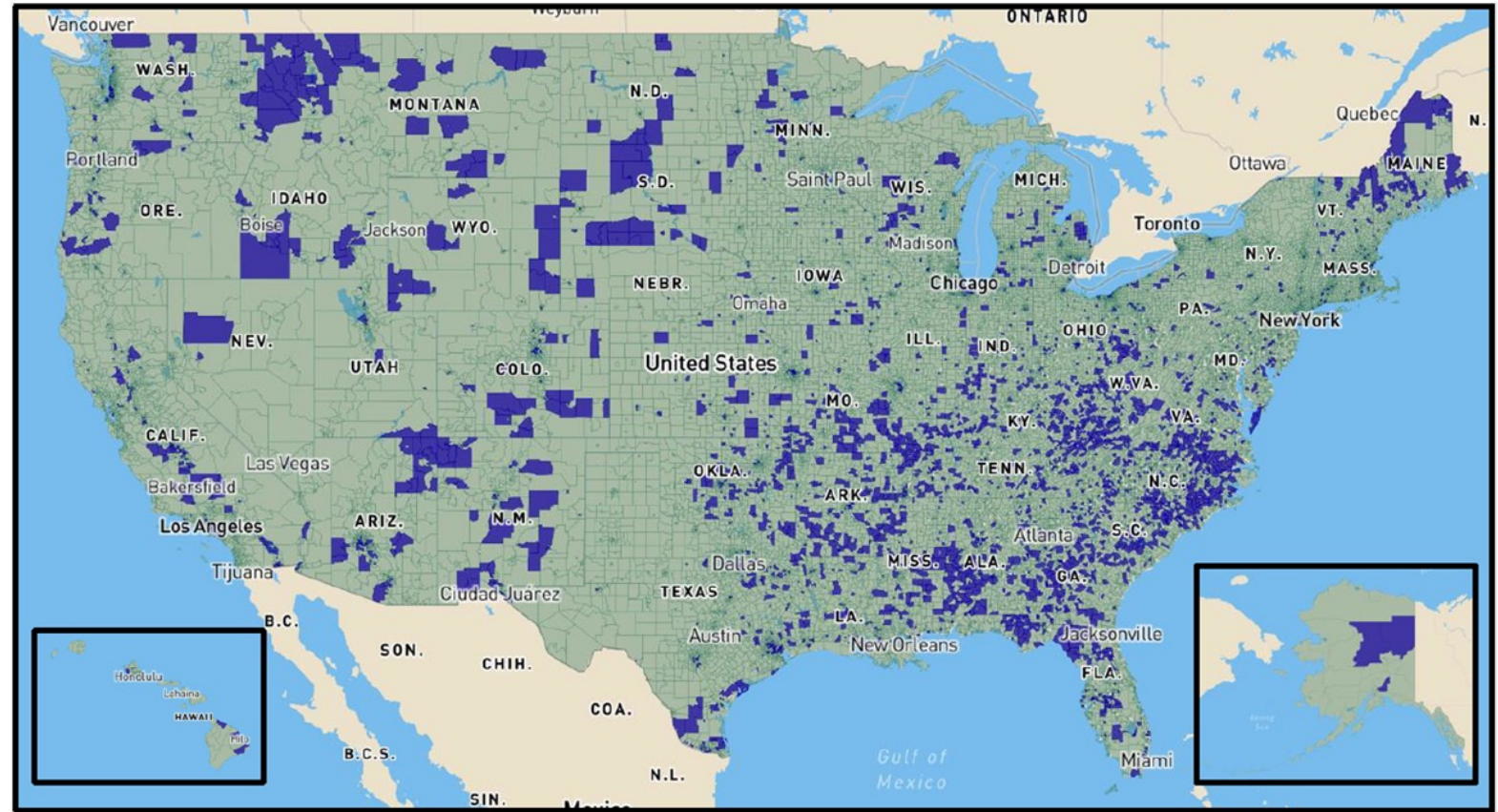
Equity and Justice40

Important Guidance Currently Available:

- Justice40 Interim Guidance
- Guidance to states

Important Forthcoming Information:

- Minimum Standards and FAQs
- Equity and Justice40 webinar



Equity Tools for NEVI:

- Electric Vehicle Charging Justice40 Map

<https://www.anl.gov/es/electric-vehicle-charging-equity-considerations>

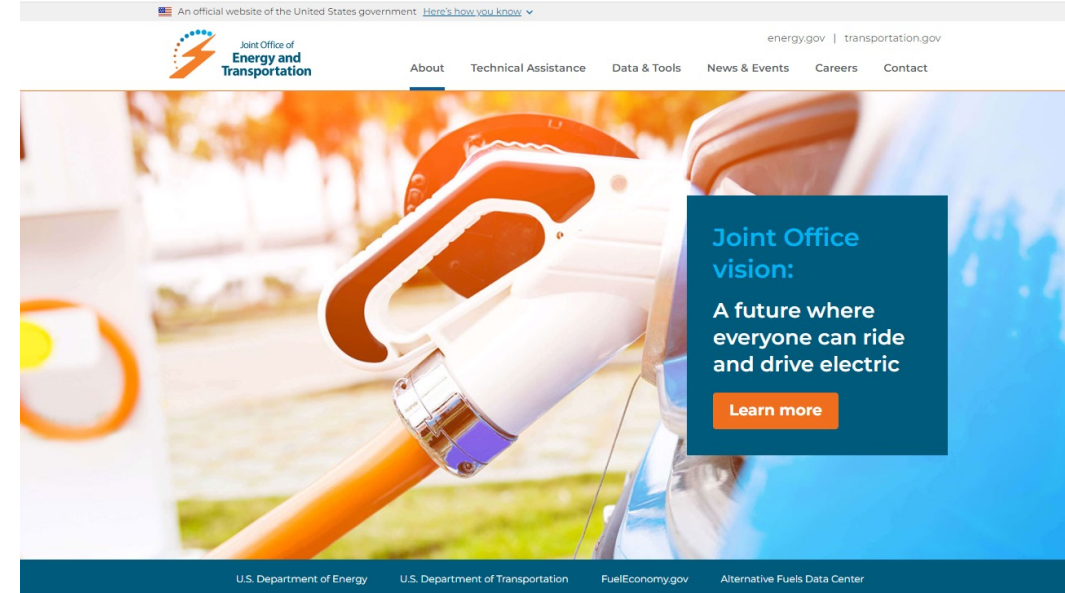
- Rural EV Toolkit

<https://www.transportation.gov/rural/ev/toolkit>

DriveElectric.gov

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

- NEVI guidance
- State plan template
- Technical assistance concierge
- Supporting data and tools
- Will continue to update as new resources become available



A modernized and interagency approach to support the deployment of zero-emission, convenient, accessible, equitable transportation infrastructure

The Joint Office of Energy and Transportation was created through the Bipartisan Infrastructure Law (BIL) to facilitate collaboration between the U.S. Department of Energy and the U.S. Department of Transportation. The Joint Office will align resources and expertise across the two departments toward leveraged outcomes. The office will be a critical component in the implementation of the BIL, providing support and expertise to a multitude of programs that seek to deploy a network of electric vehicle chargers, zero-emission fueling infrastructure, and zero-emission transit and school buses. The scope of the Joint Office will continue to evolve as directed by both departments.

[Contact us](#)

[Technical assistance](#)

Benefits of investing in our electric vehicle charging infrastructure

Initial priorities of the Joint Office will be to support states with planning and to implement the National Electric Vehicle Charging Infrastructure program.



Support electric vehicles

Accelerates the adoption of electric vehicles, including for those who cannot reliably charge at home to enable up to 50% of new vehicle sales to be electric by 2030.



Fewer emissions

Reduces transportation-related emissions and helps put the United States on a path to net-zero emissions by no later than 2050.



Job creation

Positions U.S. industries to lead global transportation electrification efforts and create good jobs.



A network for everyone

Targeted equity benefits for disadvantaged communities, reducing mobility and energy burdens while also creating jobs and supporting businesses.



Joint Office of
**Energy and
Transportation**

Thank You

driveelectric.gov

Connecting Federal Stimulus Projects to State and Utility Transportation Electrification Plans



NICK NIGRO (MODERATOR)

FOUNDER
Atlas Public Policy



TONY PEREZ

*SR. ENERGY INNOVATION
ANALYST*
ARIZONA PUBLIC SERVICE



MARC CAMPBELL

*Strategic Partnership
Development Manager*
SALT RIVER PROJECT



ED STILLINGS

*SENIOR TRANSPORTATION
PLANNER*
FEDERAL HIGHWAY
ADMINISTRATION



ERIC ANDERSON

EXECUTIVE DIRECTOR
MARICOPA ASSOCIATION
OF GOVERNMENTS



THOR ANDERSON

*MULTI-MODAL
MANAGER
(EV PLAN LEAD)*
ARIZONA DEPARTMENT
OF TRANSPORTATION

NEVI Formula Program- Important 2022 Dates

Feb 10:

- NEVI Formula Program Guidance
- AFC Round 6 RFN

May 13:

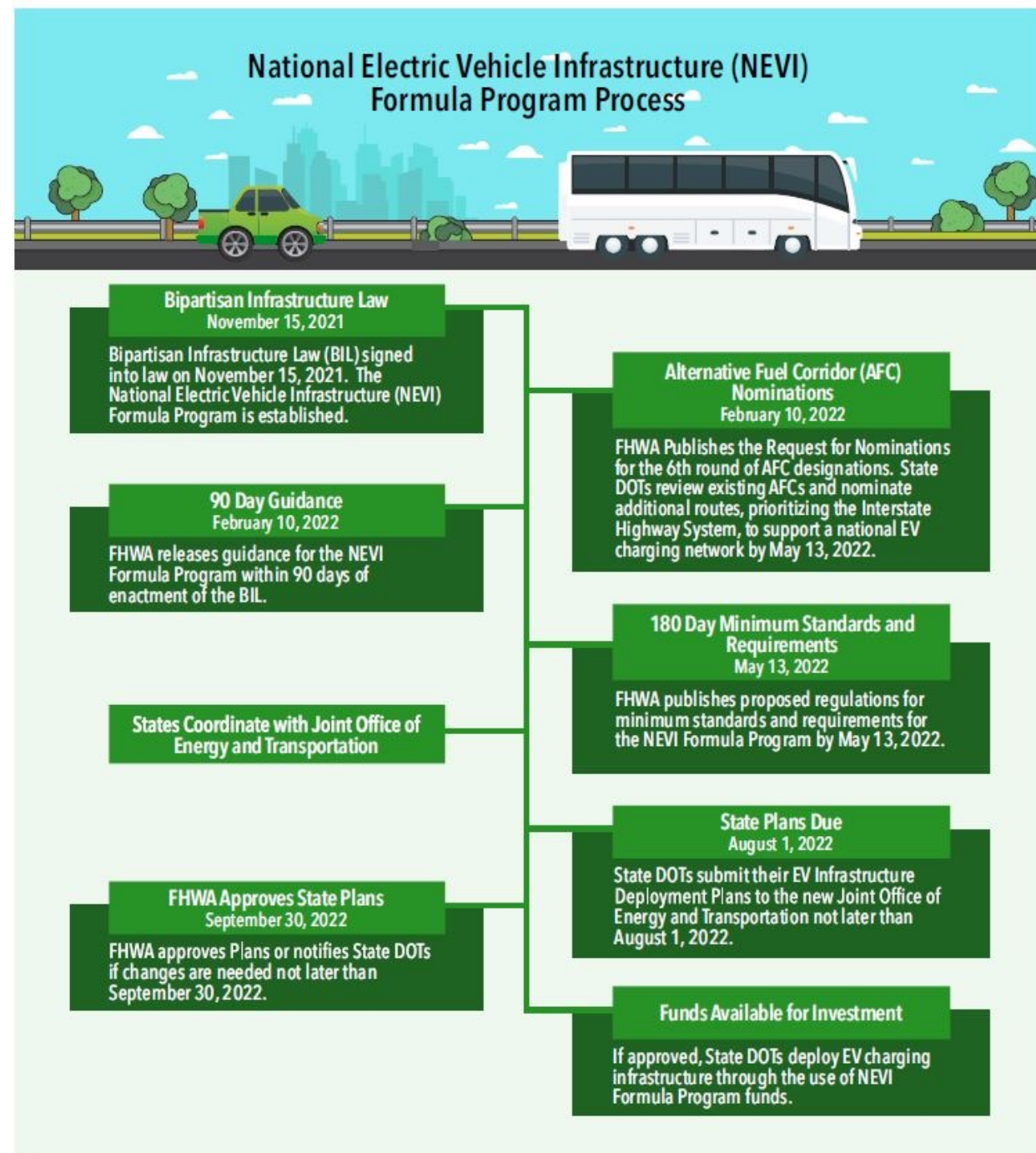
- Round 6 Nominations Due

June:

- 180 Day Minimum Standards published (NPRM)

Aug 1: State Plans Due

Sept 30: FHWA approves State Plans

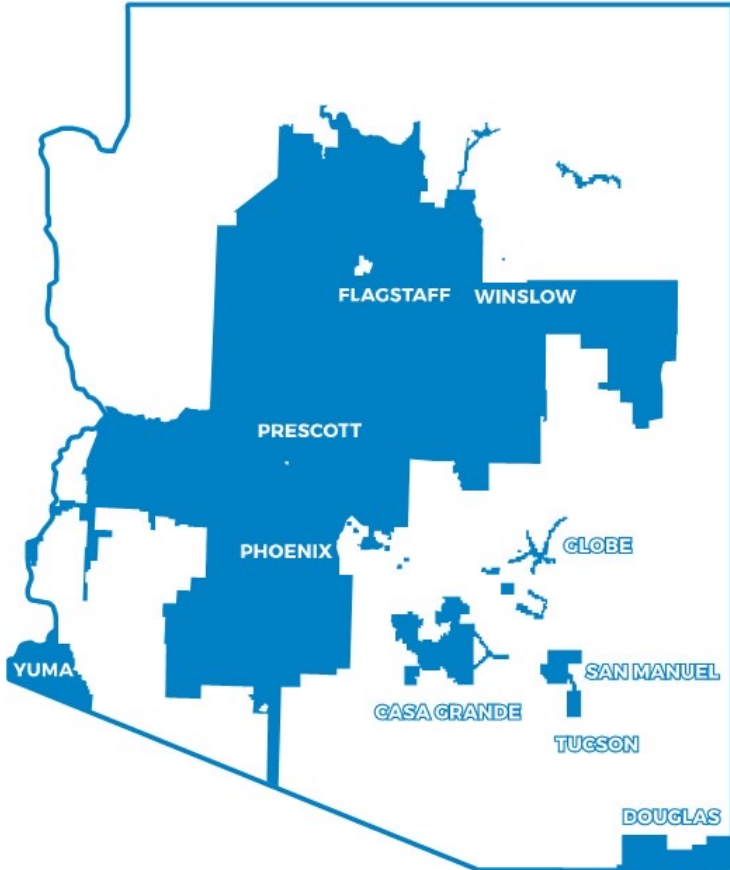


Discretionary Grant Program for Charging and Fueling Infrastructure

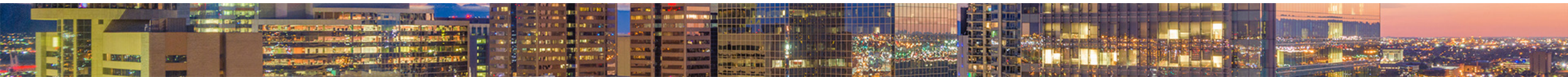
- For EV charging, hydrogen, propane, and natural gas fueling infrastructure
- Divided into two distinct \$1.25 billion grant programs to support EV charger deployment
 - **Corridor Charging Grant Program.** This program will strategically deploy publicly accessible EV charging infrastructure and hydrogen, propane, and natural gas fueling infrastructure along designated **Alternative Fuel Corridors**
 - **Community Charging Grant Program.** This program will strategically deploy publicly accessible EV charging infrastructure and hydrogen, propane, and natural gas fueling infrastructure in **communities**



AT A GLANCE



- Serving Arizona since 1886
- Investor-owned public service company, regulated by ACC
- 34,646 square mile service territory, operating in 11 counties
- Serving nearly 1.3 million homes and businesses
- Goal to deliver 100% clean, carbon-free electricity by 2050





TRANSPORTATION ELECTRIFICATION

Strategy and Programs

Customer Programs

Take Charge AZ L2

Take Charge AZ DCFC

APS SmartCharge

Residential EVSE Rebate

Fleet Advisory Services

New Home L2 Pre-Wire

Education & Outreach

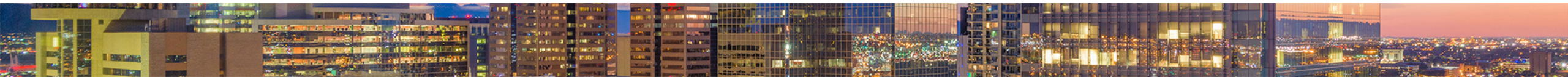
EV Rates

- Commercial DCFC Rate Rider
- Commercial L1-L2 GS EV Rate Rider (pending approval)
- Residential Super Off-Peak EV Rate (pending approval)

APS Transportation Fleet Goals

- 30% LDV fleet electric by 2025, with stretch goal to be 100% carbon free by 2050

APS is committed to enabling EV adoption with a focus on customer experience, grid integration, and equity.





Transportation Electrification Activator

Arizona Transportation Electrification Forum
July 6, 2022

Marc Campbell

TRANSPORTATION ELECTRIFICATION (TE) ACTIVATOR

Building a regional partnership for
Transportation Electrification to benefit Arizona's communities.



City of Phoenix



WE WANT TO GET THINGS DONE

We've launched the
Transportation Electrification Activator
- a coalition of practitioners and supporters -
[focused on accelerating electrification](#)
of the transportation sector in Arizona.

We believe that through coordinated action
centered on [getting things done](#), we can
transform our region's approach to TE in way
that bolsters electric vehicle adoption and the
benefits that come with it.



HOW WE ACHIEVE OUR MISSION



- 1) Work together to help overcome common barriers
- 2) Set public goals, build transparency, and enable synergies across the region
- 3) Implement aligned action plans to advance collaboration and pursue complimentary objectives
- 4) Commit to regular reporting on progress
- 5) Encourage additional stakeholders to join the movement

UNLOCKING FEDERAL TE FUNDING

Leveraging our partnership

- TEA feedback to ADOT
- Coordinate joint grant application



Opportunities in EV Charging Across Rural Arizona

Alex Clegg

US Department of Transportation Rural

Opportunities to Use Transportation for Economic
Success (ROUTES)





Charging Forward

A Toolkit for Planning and Funding Rural
Electric Mobility Infrastructure

www.transportation.gov/rural/ev/toolkit



About the ROUTES Initiative

The Rural Opportunities to Use Transportation for Economic Success (ROUTES) Initiative aims to address disparities in rural transportation infrastructure and improve safety and economic competitiveness nationwide.



The ROUTES Initiative is established to...

Engage Rural Communities through a series of events to better understand the needs and priorities of rural communities and collect essential data from stakeholders representing different communities, groups, workers, and industries to identify solutions.

Harmonize DOT Programs to implement rural policy by establishing the ROUTES Council to lead and coordinate Departmental activities to implement BIL and better align new and existing funding, financing, and technical assistance programs with the needs of rural and Tribal communities.

Utilize a Whole-of-Government Approach by partnering with other rural-focused Federal agencies such as DOE, DOI, and USDA to expand DOT's presence in rural America, better promote DOT's resources to their customers, and capitalize on synergies between Federal funding programs.



Electrification of Rural Transportation

All Americans should have the opportunity to benefit from the lower operating costs, reduced maintenance needs, and improved performance that EVs provide.

WHY RURAL

- Transportation makes up **20% of rural household expenses**, compared to 16% in urban areas.
- Rural households spend **44% more on transportation fuel** than urban households
- Rural residents drive **10 more miles per day** on average than urban residents.

WHY NOW

- **Federal strategy** to build 500,000 electric vehicle (EV) chargers nationwide.
- **Bipartisan Infrastructure Law** includes \$7.5 billion of funding for new EV chargers and other alternative fueling infrastructure.
- **Executive Order** targeting 50% of new vehicles sold in 2030 be zero-emission vehicles.

USDOT's **Rural EV Infrastructure Toolkit** was created under the ROUTES Initiative to help rural entities plan and fund EV chargers.

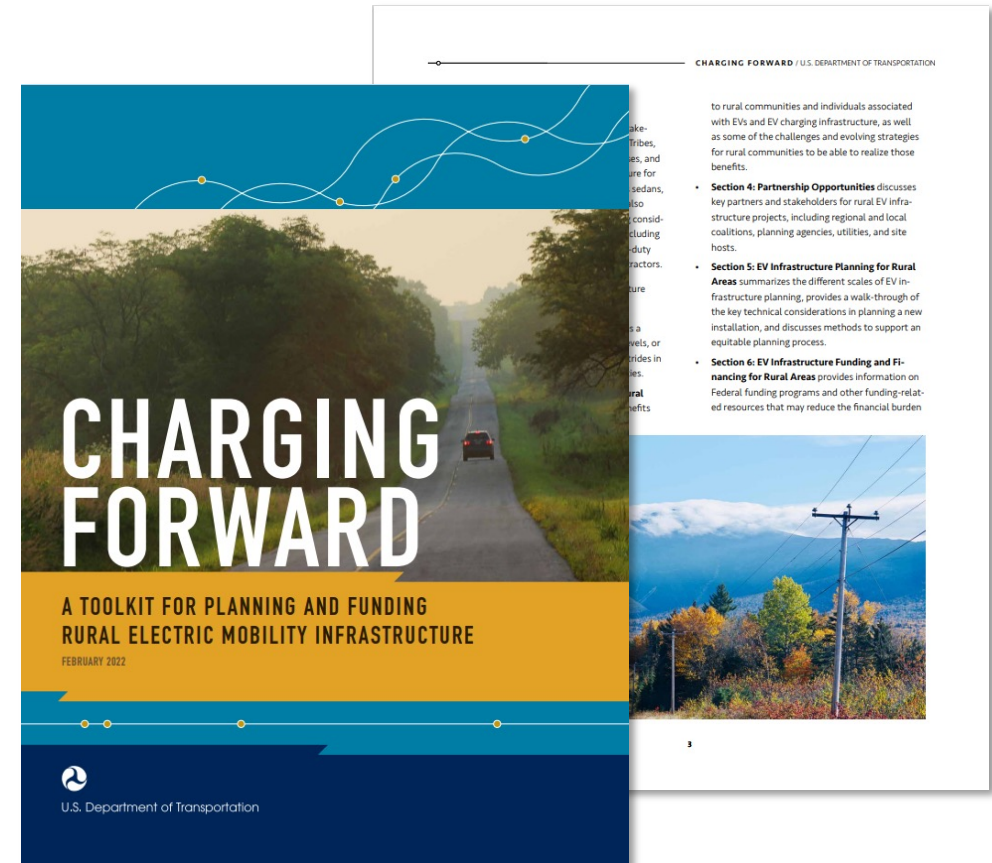


USDOT's Rural EV Infrastructure Toolkit

Charging Forward: A Toolkit for Planning and Funding Rural Electric Mobility Infrastructure

The toolkit provides a free, one-stop resource to help rural stakeholders scope, plan, and fund EV charging infrastructure.

- Highlights the benefits of EVs for rural areas
- Identifies key stakeholders and partners in project planning and implementation
- Walks through a project planning checklist and provides technical advice on project scoping, installation, and operations
- Compiles helpful tools and resources for cost analysis, charging needs assessment, and equitable planning
- Lists Federal funding and financing programs and eligibility criteria





Active & Upcoming NOFOs

Program	FY22 NOFO	FY22 Funding	Rural Set-Aside	Rural Definition	Eligible Applicants					
					State	MPO	Local	Tribe	PA	Other
Safe Streets and Roads for All	OPEN NOW	\$1 Billion	n/a	n/a		✓	✓	✓		
Bridge Investment Program	OPEN NOW	\$2.4 Billion	n/a	n/a	✓	✓	✓	✓	✓	✓
Tribal Transportation Program Safety Fund (TTPSF)	OPEN NOW	\$22 Million	n/a	n/a				✓		
Railroad Crossing Elimination Program	OPEN NOW	\$573 Million	20%	Outside UA >50k	✓	✓	✓	✓	✓	✓
Reconnecting Communities Pilot Program	OPEN NOW	\$195 Million	n/a	n/a	✓	✓	✓	✓		✓
Nationally Significant Federal Lands and Tribal Project Program	July	\$55 Million	n/a	n/a	✓*		✓*	✓		✓
Ferry Service for Rural Communities	July	\$206 Million	100%	Outside UA >50k	✓					✓
Culvert Removal, Replacement, and Restoration	Summer	\$200 Million	n/a	n/a	✓		✓	✓		
CRISI	August	\$2 Billion	25%	Outside UA >50k	✓		✓	✓	✓	✓
SMART	September	\$100 Million	30%	Outside UA >50k	✓	✓	✓	✓	✓	

Please note schedule is approximate and subject to change

<https://www.transportation.gov/rural/funding-opportunities>

*Note: This table does not include all BIL programs or eligible entities, and there are additional nuances not represented in this table. "PA" means a special purpose district or public authority with a transportation function; *Applicant eligibility explained in greater detail on subsequent slides*

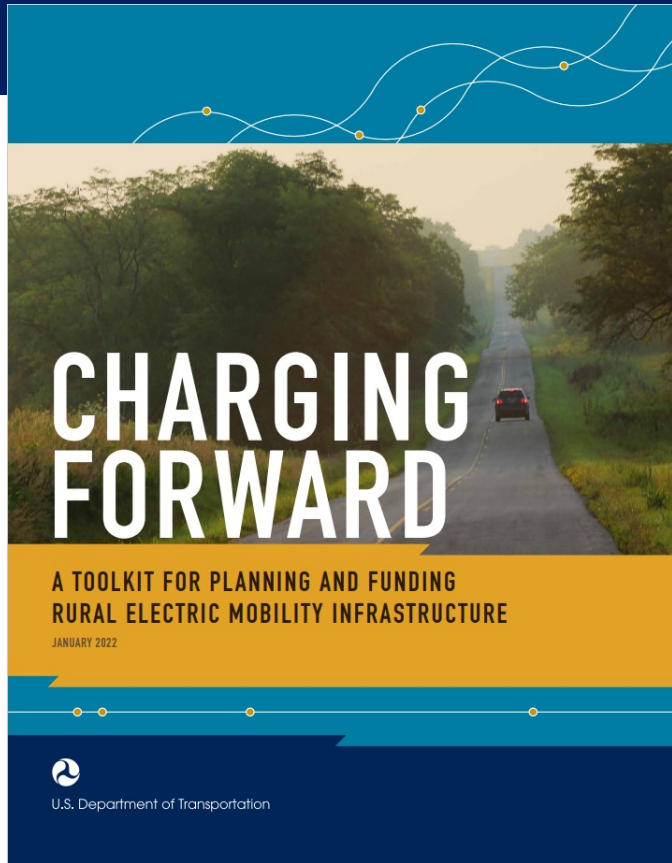




New Technical Assistance Programs

- **DOT Navigator**
 - One-stop shop to help non-traditional DOT grantees and underserved communities understand the best ways to apply for grants, and to plan for and deliver transformative infrastructure projects and services
 - <https://www.transportation.gov/dot-navigator>
- **Thriving Communities Initiative**
 - Technical assistance, planning and capacity building to advance a program of projects that support transportation, economic opportunity and community development goals (anticipated later this year)
 - <https://www.transportation.gov/grants/thriving-communities>
- **Rural & Tribal Infrastructure Advancement**
 - New technical assistance program for accessing TIFIA loans (anticipated later this year)
- **DOT Bipartisan Infrastructure Law Hub**
 - Information on all new and improved programs in the BIL
 - <https://www.transportation.gov/bipartisan-infrastructure-law>

USDOT's Rural EV Infrastructure Toolkit

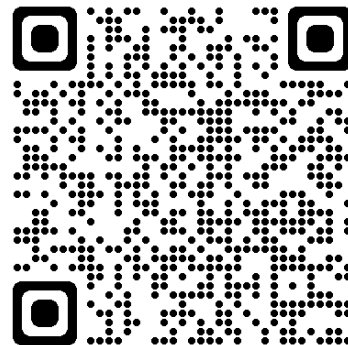


ROUTES: www.transportation.gov/rural

Toolkit: www.transportation.gov/rural/ev/toolkit

Email: rural@dot.gov

Newsletter:



R.O.U.T.E.S.
RURAL OPPORTUNITIES TO USE TRANSPORTATION FOR
ECONOMIC SUCCESS

DEPARTMENT OF TRANSPORTATION





ARIZONA TRANSPORTATION ELECTRIFICATION FORUM

Virtual Event I July 6th, 2022
9:00 A.M. - 1:00 P.M. (PDT/AZTime)

5 Minute Break
Please Return by 10:55 a.m.



Fostering the Southwest's EV Economic Development and Manufacturing Hub



LINDSAY GORRILL
FOUNDER & CEO
KORE POWER



DAVID RUBIN
HEAD OF POLICY
RESEARCH
CRUISE



KATHY KNOOP
VEHICLE GRID
INTEGRATION
SOLUTIONS MANAGER
GENERAL MOTORS



KEVIN PAVLOV
CEO
ELECTRAMECCANICA



KUNAL PHALPHER
CHIEF STRATEGY
OFFICER
LI-CYCLE



LINDSEY STEGALL
MARKET DEVELOPMENT &
PUBLIC POLICY MANAGER
EVGO



STEVE ZYLSTRA (MODERATOR)
PRESIDENT & CEO
ARIZONA TECHNOLOGY COUNCIL

A Recorded Statement from Senator Mark Kelly



Mark Kelly has served his country as a U.S. Navy combat pilot, a NASA astronaut, and now as a U.S. Senator for Arizona. Senator Kelly has broken through Washington gridlock to deliver real results for Arizonans. In his first year, he played a key role in shaping and passing the historic bipartisan infrastructure law, which is improving Arizona's roads, bridges, water systems, ports of entry, high-speed internet access, wildfire response, and much more.

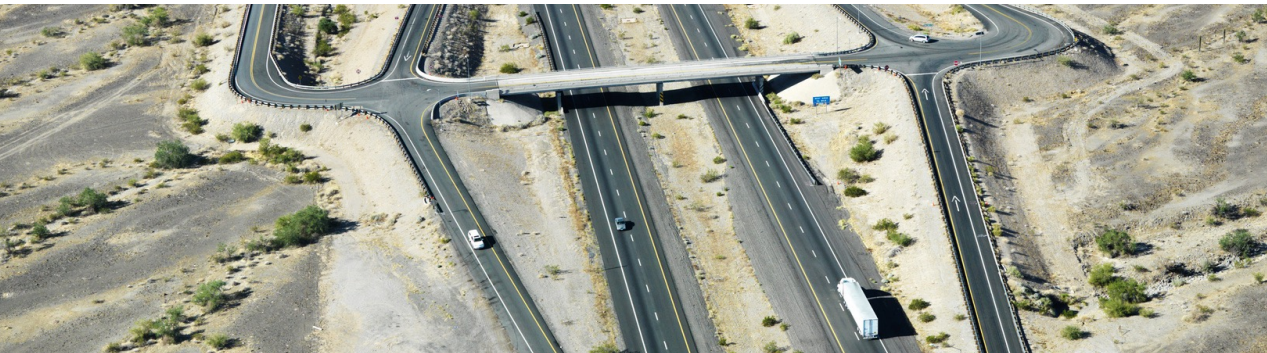
Senator Kelly serves on the Armed Services, Environment and Public Works, Energy and Natural Resources, Aging, and Joint Economic Committees. He is Chair of the Emerging Threats and Capabilities Subcommittee of the Senate Armed Services Committee, where he focuses on making sure the U.S. has the research and technology needed to outcompete our adversaries like China. Senator Kelly is married to former Congresswoman Gabby Giffords and they live in Tucson.



ARIZONA TRANSPORTATION ELECTRIFICATION FORUM

Virtual Event I July 6th, 2022
9:00 A.M. - 1:00 P.M. (PDT/AZTime)

10 Minute Break
Please Return by 12:15 p.m.



BREAKOUT SESSIONS

Interstate Electric Vehicle Charging



MODERATORS:

Dean Taylor, Plug In America

Heavy-Duty EVs for Schools & Local Governments



MODERATORS:

Diane Brown, Arizona PIRG Education Fund
Aaron Kane, City of Phoenix, Office of Councilwoman Ansari

Getting EV Infrastructure in Underserved Communities



MODERATORS:

DJ Portugal & Sawsan Abdurrahman, Chispa AZ

Community Electric Vehicle Charging



MODERATORS:

Katherine Stainken, Electrification Coalition



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Forum Top Highlights & Closing Remarks

