

# Energy Talk **In Depth**

**Focus on: Accelerating Electric Transportation**



**TOP STORY**

## More Than 50 Electric Companies Join Together to Form National EV Charging Network

On December 7, EEI announced the launch of the National Electric Highway Coalition (NEHC), which merges the Electric Highway Coalition and the Midwest Electric Vehicle Charging Infrastructure Collaboration and now includes additional participating electric companies from across the country.

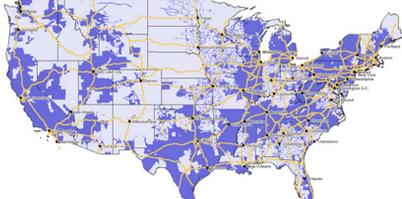
Currently consisting of 51 investor-owned electric companies, one electric cooperative, and the Tennessee Valley Authority, the coalition is committed to providing electric vehicle (EV) fast charging ports that will allow the public to drive EVs with greater confidence along major U.S. travel corridors by the end of 2023.

"EEI and our member companies are leading the clean energy transformation, and electric transportation is key to reducing carbon emissions across our economy," said EEI President Tom Kuhn. "With the formation of the NEHC, we are committed to investing in and providing the charging infrastructure necessary to facilitate electric vehicle growth and to helping alleviate any remaining customer range anxiety."

Read [EEI's press release](#) and visit the [NEHC website](#) to learn more.

**NATIONAL ELECTRIC HIGHWAY COALITION**

## Committed to a Foundational EV Fast Charging Network



**OTHER VOICES**

### Broad Support for NEHC, Electrifying Transportation

The NEHC has attracted broad interest. Here are two examples of what others are saying about efforts to electrify America's transportation:

"The auto industry is committed to vehicle electrification and will invest over \$330 billion in the technology by 2025. Additionally, a record number of EV models are expected to be available in this time frame. This, however, is only one piece of the puzzle. Addressing issues such as grid resiliency, energy demands for charging, and equitable rollout of charging infrastructure will be an integral part of a successful future for EVs in America. The National Electric Highway Coalition will support the EV transition by facilitating electric power industry engagement in transportation electrification across the country. We look forward to continuing our partnership with EEI and to collaborating with public and private sector stakeholders to expand the charging infrastructure necessary to meet the ambitious targets for electrification in the coming years."

—Alliance for Automotive Innovation President and CEO **John Bozzella**

"We are delighted to see this collaboration come together with both regional and national scopes to develop a framework and to provide charging stations across state boundaries. EV owners want to charge conveniently and quickly without a fear of running out of electric fuel. Moreover, the EV industry, led by electric companies and cooperatives, automobile OEMs, and EV service providers, needs to accelerate the deployment of charging infrastructure now. With scores of new battery-electric vehicles coming to market over the next couple of years, we need to get the charging infrastructure sited, built, and funded. The federal infrastructure funding will help a great deal in this effort, but this is only a down payment of a much larger effort. Electric companies, which are regulated by state commissions, can help leverage all funding sources, help fill the infrastructure gaps, and help manage the deployment of these chargers with a long-term view."

—Alliance for Transportation Electrification Executive Director **Philip B. Jones**



**NUMBERS TO KNOW**

### The Growing EV Market and the Need for Charging Infrastructure

Across the nation, EEI's member companies are leading the charge to advance transportation electrification. Expanding the use of electricity in transportation saves money, improves the environment, and enhances quality of life for everyone.

In addition to EVs, electrification is taking hold in public transit, delivery vehicles, ride-sharing applications, ports and airports, and more.

Here are four facts to know about how electric companies are supporting the growth of EVs and providing the needed charging infrastructure in communities across the country.

1. EEI estimates that there will be **nearly 22 million EVs on U.S. roads in 2030**. To support these EVs, EEI estimates that the U.S. will need more than 100,000 EV fast charging ports, a more than ten-fold increase over today.
2. EEI projects that EVs will make up **more than 27 percent** of annual U.S. light-duty vehicle sales by 2030.
3. Electric companies are **investing more than \$3 billion** to deploy charging infrastructure and accelerate electric transportation.
4. **More than 70 percent** of EEI member companies—serving more than 200 million U.S. customers—have made fleet electrification commitments that, collectively, put EEI's member companies on track to electrify more than one-third of their total fleets by 2030, including two-thirds of the passenger vehicles in their fleets.



**IN THE NEWS**

### Biden Administration Announces EV Charging Action Plan

On December 13, the Biden Administration announced the EV Charging Action Plan, which is designed to outline steps federal agencies are taking to support developing and deploying chargers in American communities across the country.

As a result of the Bipartisan Infrastructure Law, the U.S. Departments of Energy and Transportation will establish a Joint Office of Energy and Transportation focused on deploying EV infrastructure, working hand-in-hand to collect input and guidance from industry leaders, manufacturers, workers, and other stakeholders that will ensure the national network provides convenient charging for all.

Read the [Administration's fact sheet about the plan](#).



**TUNE IN**

### Inside the NEHC

On the latest episode of the *Electric Perspectives* Podcast, Kellen Scheffer, EEI's director of electric transportation, joins Matt Fork, vice president of federal legislative affairs, Ameren, and Phil Dion, vice president and chief customer officer, American Electric Power, to discuss how the National Electric Highway Coalition will work to achieve its goal of filling infrastructure gaps along major U.S. transportation corridors, the need to support the growth of EVs across the country, and more. Fork and Dion are two of the industry leaders who helped to spearhead the development and merger of the initial regional coalitions. [Listen now.](#)

The same panel of experts also participated in a [gridCONNECT2021](#) roundtable discussion about the NEHC and the scalable approach to fill the EV fast-charging infrastructure gap. gridCONNECT2021 was hosted by the [GridWise Alliance](#), which leads a diverse membership of electric power industry stakeholders focused on accelerating innovation that delivers a more secure, reliable, resilient, and affordable energy grid to support deep carbon reductions across the U.S. economy.

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**LEADING THE NEWS**

### Media Coverage of the NEHC

The launch of the National Electric Highway Coalition generated significant media interest. Here are some examples of the coverage:

- [Grist: EV Chargers Are Coming to a Highway Near You](#)
- [Ars Technica: Power Companies Band Together for Coast-to-Coast EV Fast-charger Network](#)
- [Electrek: 53 U.S. Electric Companies Will Build Nationwide Fast-charging EV Network by End of 2023](#)
- [Axios Generate: Power Industry Teams Up on Highway EV Charging](#)
- [Cheddar: Electric Companies Join National Coalition to Build EV Charging Network](#)
- [The Hill: Electric Companies Announce Collaborative Electric Vehicle Charging Network](#)

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### Investing in EV Infrastructure



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