



Ev charging ports 50 miles

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Close on the heels of doubling the national EV charging network since the start of the Biden-Harris Administration, the Joint Office of Energy and Transportation today celebrates reaching 200,000 public charging ports available nationwide. Convenient and reliable EV charging options in all 50 states are providing more people than ever with the freedom to travel using electric mobility. The national network is well ahead of schedule to meet the Biden-Harris Administration's goal of 500,000 chargers by 2030.

The Joint Office has been working with states, local communities, and industry to build a national EV charging network that gives people access to the convenience, performance, and cost savings of electric vehicles. Currently, plug-in EVs make up nearly 10% of the U.S. light-duty vehicle market, with even more vehicle options becoming available to meet growing demand.

To ensure the national public charging network's reliability, the Joint Office has advanced key standards, including the J3400 connector standard, which was recently established as a recommended practice. This standard will make a greater portion of the existing public charging infrastructure accessible to a wider range of vehicles.

Our efforts go beyond installing new chargers. We are upgrading broken chargers and bringing the national charging network--along with the good paying jobs it entails--to every community, rural, suburban, or urban. And we are bringing everyone with us--we are building a future where everyone can ride and drive electric.

The federal government on Thursday further sketched out plans for a national EV charging network to be funded by the Biden administration's infrastructure law.

The Federal Highway Administration (FHWA) released a Notice of Proposed Rulemaking (NPRM) proposing minimum standards for the network, which aims to install 500,000 chargers by 2030.

The FHWA is proposing a minimum of four 150-kw connectors per DC fast-charging site. Those sites should be positioned 50 miles apart, and less than a mile from highways, according to the proposal.

Electrify America upscale charging concepts



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The proposal also calls for increased interoperability to address the current difficulty of charging at stations with different hardware, with different operators, as well as pricing that doesn't require memberships or loyalty programs. Maintenance provisions are included as well, which might help the current unreliability of public chargers.

Volvo pilot fast-charging network, via Starbucks

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