

Electrify America to double EV charging stations by 2025

July 13 2021, by Matt Ott



In this Dec. 21, 2020 file photo, a Chevrolet Bolt charges at an Electrify America site outside Colorado Mills outlet mall in downtown Lakewood, Colo. Electrify America, an electric vehicle charging network funded with money paid by Volkswagen as punishment for its emissions cheating scandal, says it plans to more than double its number of charging stations throughout the United States and Canada. The expansion will include 1,800 fast-charging stations and 10,000 individual chargers by 2025. Credit: AP Photo/David Zalubowski, File

Electrify America, an electric vehicle charging network funded with money paid by Volkswagen as punishment for its emissions cheating scandal, says it plans to more than double its number of charging stations throughout the United States and Canada.

The expansion will include 1,800 fast-charging stations and 10,000 individual chargers to be installed by 2025 and is part of Electrify America's previous commitment to invest \$2 billion over 10 years on EV infrastructure, education and access in the U.S.

Automakers have ramped up production of [electric vehicles](#) that can go farther and charge faster, but are concerned that consumers interested in EVs may wait to buy until there's better, faster charging infrastructure.

The latest generation of EVs, many with ranges around 300 miles (480 kilometers) per charge, can accept electricity at a much faster rate than previous models could, but most charging stations can't keep up with the vehicles' advanced technology.

There are about 42,000 public charging stations in the U.S., but only about 5,000 are considered direct-current fast chargers, according to the Department of Energy. The rest require roughly eight hours to fully charge longer-range batteries.

The higher cost of fast-charging stations is an issue President Joe Biden's administration will have to take into account as it develops incentives to encourage companies and governments to build more charging stations. The administration's goal is to have 500,000 charging stations nationwide by 2030.

Electrify America's expansion plan increases its presence in established

U.S. regions as well as adding new states such as Hawaii, North Dakota, South Dakota, West Virginia, Wyoming and Vermont. The additions bring its network to 49 states and the District of Columbia, Electrify America said. It also plans to add a new electric vehicle charging highway to the "upper Midwest" but did not say specifically where it would be.

Since its first charging [station](#) opened in May 2018, the Reston, Virginia-based company said it has installed an average of four stations per week.

© 2021 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: Electrify America to double EV charging stations by 2025 (2021, July 13) retrieved 17 May 2024 from <https://techxplore.com/news/2021-07-electrify-america-ev-stations.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.