

Nevada Electric Vehicle Infrastructure Plan

Frequently Asked Questions

Question: What is the Nevada Electric Vehicle Infrastructure Plan?

Answer: The Nevada Alternative Fuels Plan is NDOT's spending plan as required by the National Electric Vehicle Infrastructure (NEVI) Formula Program. The plan was approved by the Joint Office of Energy and Transportation (also called 'the Joint Office') in September 2022 and is anticipated to be updated annually. The current plan focuses spending in the initial year. To learn more about that program and guidance, we invite you to review the [plan](#).

Question: How is the Nevada Electric Vehicle Infrastructure Plan separate from other EV investment in Nevada?

Answer: The plan builds on other strategic investments in the state, including the Nevada Electric Highway Plan (which has funded approximately 30 stations) and Senate Bill 448 (which authorized approximately \$100 million of investment in EV charging). The National Electric Vehicle Infrastructure (NEVI) Program is a federal program allocating dollars focused on EV infrastructure that meets federal requirements. NDOT is closely coordinating with NV Energy, rural power providers, industry stakeholders, state agencies, major employers, workforce and training organizations, electrical worker unions, electric vehicle supply equipment (EVSE) providers, original equipment manufacturers, community-based organizations, and many others to ensure that funds are distributed to equitably benefit all Nevadans.

Question: Where will chargers be located under this plan?

Answer: The intent of the NEVI program is to build out Alternative Fuel Corridors (AFCs), corridors designated by NDOT and approved by the Federal Highway Administration. The first year of our plan will focus on the Interstate Highway System. The goal of the federal program is for chargers to be located every 50 miles along these corridors (with a few exceptions). In Nevada, the interstate corridors are I-80, I-15, I-215, I-515, I-11, and I-580, and the other routes include US 95, US 93, and US 50. When driving across the state, it is always a good idea to plan your trip—the US Department of Energy's [electric vehicle station locator](#) and the [PlugShare](#) website provide information on where stations are located and other station details. Note that these websites are not affiliated with NDOT.

Question: Who do I contact to get a charging station installed in my community?

Answer: NDOT is partnering with NV Energy to seek public input on where EV charging should be located. No matter where in Nevada you are located, whether you are an NV Energy customer or not, and whether you live in Nevada or are just visiting – we invite you to add your input to NV Energy's [mapping tool](#).

Question: How fast can I charge my car at these stations?

Answer: Stations that are built using NEVI program funds will be equipped with four ports that can provide direct current fast charging (DCFC) to cars that use a Combined Charging System (CCS) connector. Each station will provide power to four electric vehicles simultaneously. Each port will

provide at least 150 kW of power, which should charge a medium-sized EV in about 20 minutes. Other existing charging stations may be considered Level 2 chargers, which charge a medium sized EV in a matter of hours.

Question: How will new sites be funded?

Answer: NDOT is administering the rural NEVI-funded sites using a grant approach. Where proposed sites are in NV Energy territory, it is anticipated that NV Energy will be administering the funds. More information on the procurement process will be made available as soon as those details are finalized.

Question: What sites are eligible in Nevada?

Answer: A list of eligible sites for the first year of funding are included in the NEVI [Plan](#). The NEVI Program provides five years of funding. Eligible site locations for Year 2 are being evaluated now and are anticipated to be released with the next NEVI Plan submittal.

Question: What are the other technical requirements for charging stations built with NEVI Program funds?

Answer: Some of the other requirements for charging stations include a 20% non-federal funding match, compliance with Buy America requirements encouraging American manufacturing, and 40 percent of the benefit of the investment will go to disadvantaged communities as designated under the Justice40 program. For more detail on program requirements, see the [Joint Office's NEVI Formula Program Q&A](#).

Question: How can I share my opinions about EVs?

Answer: NDOT is partnering with NV Energy to gather survey input. Through that survey, we hope to learn more about your opinion on EVs, preferred vehicle type, charging availability in your area, current barriers to owning an EV, and opinion of NV Energy's clean energy programs. This survey is for residents of Nevada and all responses are anonymous. We will use the survey results to help us prioritize NEVI funding released in later years of the NEVI Program. An English version of the survey is online [here](#). A Spanish version of the survey is online [here](#).