



Nevada is one of five states in the **Electrification Coalition's Electric Vehicle State Policy Accelerator Program**. Through this program, we advance state-level transportation electrification policy to facilitate widespread adoption of EVs across all vehicle classes. The Electrification Coalition initiated the program by conducting state-by-state analysis of six factors: history of EV policy support, EV policy gaps, policy risks, political landscape, EV market share, and existing commitments to renewable energy and carbon emissions targets. We identified Nevada as a state with prime potential for EV policy adoption. Other states in the Policy Accelerator include Michigan, Virginia, North Carolina, and Pennsylvania. In these priority states, The EC works closely with state leaders, industry partners, and a broad set of stakeholders¹ to identify top transportation electrification policy priorities and drive their adoption.

1 Policy Priorities

In 2020 the EC identified the following policy priorities in Nevada:

- Enact legislation requiring Transportation Electrification Planning (TEP) for utilities
- Adopt policies at the executive and agency levels that lead to light-duty zero-emission vehicle (ZEV) adoption
- Enact legislation enabling direct-to-consumer EV sales
- Adopt the Multi-State Medium- and Heavy-Duty (MHD) Zero Emission Vehicle MOU
- Enact MHD EV incentive legislation
- Adopt state fleet electrification targets

2 Outreach & Education

In 2020 the EC identified the following policy priorities in Nevada:

- The EC hosted the Nevada EV Policy Bootcamp for advocates, policymakers, and stakeholders in December 2020.
- The EC actively participated in EV policy working groups to provide expertise and share best practices.
- The EC met with key Nevada state legislators and provided policy advice and public testimony throughout the 2021 legislative session, including in hearings by the Growth and Infrastructure Committee on AB114, AB349, and SB448.
- Forty-one companies in Nevada - from small businesses to multinational industry leaders - signed onto a letter urging the governor to join in the Multi-State MHD Zero Emission Vehicle MOU, pledging that all new trucks and buses sold in the state will be zero-emission vehicles by 2050.
- The EC established relationships with key staff in legislative offices and the administration, and we partnered with a diverse set of organizations and advocates.

3 Policy Wins

- [SB448-Clean Omnibus Bill](#)
Enacts new clean energy regulations, including authorization of NV Energy to invest \$100 million in transportation electrification.
- [AB349](#)
Closes the classic car smog loophole and gives authority to qualifying local governments to administer a fee and implement a repair-and-replace fund.
- [Advanced Clean Cars](#)
Nevada adopted the California motor vehicle emissions and compliance requirements specified in Title 13 of the California Code of Regulations. Manufacturers must meet the greenhouse gas emissions standard and the ZEV production and sales requirements, beginning with model year 2025.
- [Nevada Climate Strategy](#)
The state has launched a climate program, and transportation electrification is a significant part of its emissions reductions plans.

4 Future Opportunities

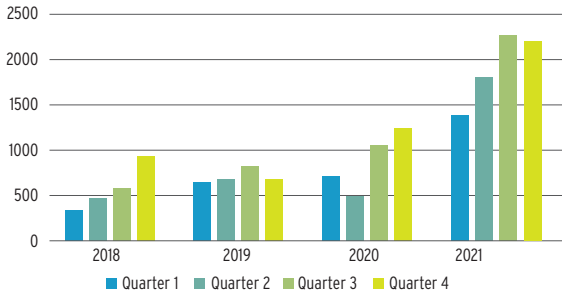
- State fleet electrification commitments, with clear, actionable steps to meeting targets
- MHD vehicle electrification policies, including adoption of the Advanced Clean Truck (ACT) rule
- Policymaker education on EV policy opportunities to serve rural and low-income communities, potentially including opportunities for direct EV sales and EV incentives legislation
- Collaboration with Nevada's Department of Transportation and Department of Administration on use of federal funds for EV charging infrastructure
- Support for communities, businesses, and other stakeholders on the use of federal funding for EV charging infrastructure and EV deployment, with emphasis on public-private partnerships
- Fleet electrification tools and resources for state policymakers and local governments
- Continued cultivation of EV policy champions
- Advancement of EV policies and programs at the county level

¹ In Nevada, the EC partners closely with the Nevada Department of Conservation and Natural Resources, Nevada Department of Environmental Protection, Nevada Department of Transportation (NVDOT), Advanced Energy Economy, Ceres, American Lung Association, Plug In America, Natural Resources Defense Council, Consumer Reports, Sierra Club, Southwest Energy Efficiency Project, Chispa, Western Resource Advocates, Environmental Entrepreneurs, Environmental Defense Fund, and others to advance transportation electrification policy.

Market Analysis

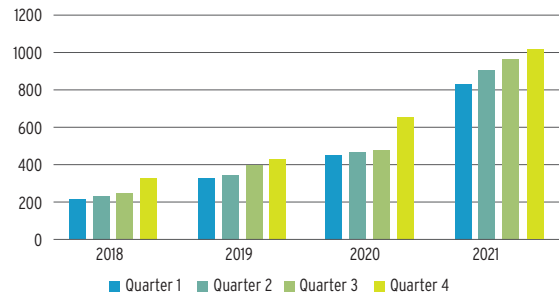
EV market penetration was one of several factors the EC considered before selecting our five EV Policy Accelerator states. We conduct ongoing market analysis on a quarterly basis, which helps us make the case for continued policy action and assess the impact of policy victories. *Data Source: Atlas Public Policy*

Nevada BEV & PHEV Sales, 2018-2021



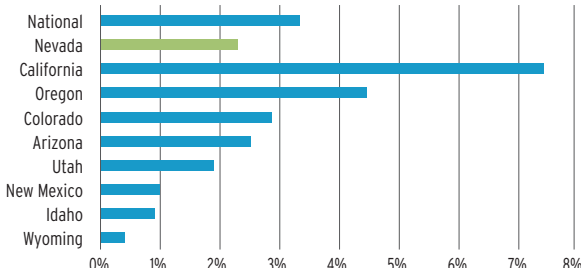
EV sales in Nevada have been increasing steadily, except for a temporary drop during the early stages of the COVID-19 pandemic in 2020.

Nevada Level 2 Charging Ports, 2018-2021



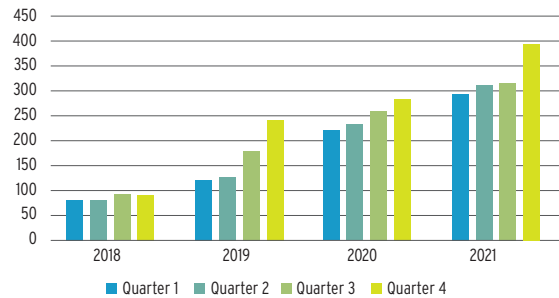
The number of Level 2 charging ports has been increasing consistently during the past several years, with marked growth in 2021.

EV Market Share, Western States Since 2019



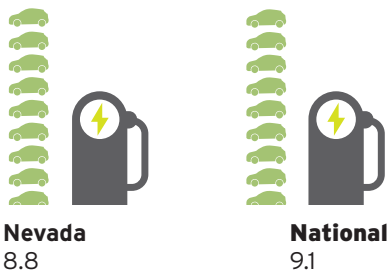
Nevada's EV market share is lower than the national average. Relative to its neighbors and other nearby states, Nevada falls roughly in the middle of the pack - far ahead of Wyoming, Idaho, and New Mexico, but behind California, Oregon, and Colorado.

Nevada DC Fast Charging Ports, 2018-2021



The number of new DCFC ports increased substantially in Q4 2021.

EVs Per Charging Port, Q4 2021



BEVs per public charging port (including Level 1, Level 2, and DC fast chargers). Nevada's BEVs per charging port are slightly better than the national average. As EV adoption rates continue to rise, it will be important for the state to continue to foster charging infrastructure development.

Data Source: Doll, Scooter. (2021, Nov. 8). The best (and worst) US states for EV charging. Electrek. <https://electrek.co/>