

Manufacturing the Future of Transportation in Nevada



Significant investments in Nevada-based electric vehicle manufacturing and battery recycling, infrastructure, and workforce development are driving economic opportunities across the state—strengthening American national security, driving local job growth, and protecting the state's economy from oil's price volatility.

Consumer Choices are Increasing Energy Security

Nevada's transportation sector consumes more than one-third of the state's total energy, burning approximately **1.1 billion gallons** of gasoline each year.¹

Nevada is already a leader in electric vehicle adoption; as more drivers are going electric, they are reducing the state's reliance on oil, moving toward a more stable and secure energy future while saving consumers money. With statewide energy prices of \$4.18 per gallon for gas and \$0.17 per kWh for electricity, a Nevadan driving 15,000 miles per year would save **\$1,561 annually** by switching to an EV!²

Nevada EV Market Snapshot

47,361³ 

battery electric
vehicle registrations

2,346⁴ 

charging ports

23,159,529⁵ 

estimated gallons of
gas saved per year

15.2%⁶ 

EV market share during
latest sales quarter

Growing Nevada's Economy and Challenging Global Competitors

Home to North America's largest active lithium deposit, Nevada is the only lithium producer in the U.S., making it a hot spot for EV and battery manufacturing. Significant investments from automakers, battery suppliers, miners, energy companies, and government funding are driving economic output in the state.

Total Investment:
\$11.879 billion⁷

Total Federal Funding:
\$90.03 million⁸

Total Jobs:
~11,000⁹

Decades of U.S. deindustrialization and offshoring have contributed to China gaining an early lead in the global race to manufacture EVs, with the country producing 62% of new EVs and 77% of EV batteries in 2022.¹⁰ The United States is now sprinting to catch up. These investments, encouraged by recent changes in tax policy, are bolstering American manufacturing and supply chains—critical national and economic security objectives in the United States' race against China to control the future of transportation.

Signature Nevada Electrification Projects¹¹



- 1 **Bonnie Claire:** Nevada Lithium, lithium extraction
- 2 **Esmerelda County:** loneer, lithium/boron extraction
- 3 **Fernley:** Lilac Solutions, lithium processing
- 4 **Henderson:** Lithion Batteries, EV battery manufacturing
- 5 **McCarran:** Redwood Materials, EV battery component manufacturing and recycling
- 6 **North Las Vegas:** Big Rig Manufacturing, EV double-decker bus manufacturing
- 7 **Reno:** Aqua Metals, EV battery recycling
- 8 **Sparks:** Tesla, EV manufacturing
- 9 **Storey County:** Aqua Metals, EV battery recycling
- 10 **Thacker Pass:** Lithium Americas, lithium extraction
- 11 **Tonopah:** American Battery Technology CO., EV battery manufacturing

1: <https://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=pet&s=c100050321&f=a>

2: <https://data.coltura.org/ev-savings-index>

3: <https://afdc.energy.gov/data/10962>

4: <https://www.atlasevhub.com/materials/ev-charging-deployment/>

5: <https://www.api.org/news-policy-and-issues/blog/2022/05/26/top-numbers-driving-americas-gasoline-demand>; second data point multiplied with state BEV registrations found at (3)

6: <https://www.atlasevhub.com/materials/ev-market-dashboard/>

7–9, 11: Climate Power, EV Jobs Hub (Atlas Public Policy), Electrification Coalition

10: <https://itif.org/publications/2024/07/29/how-innovative-is-china-in-the-electric-vehicle-and-battery-industries/>