

Manufacturing the Future of Transportation in Michigan



Significant investments in Michigan-based electric vehicle manufacturing, 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


Michigan is in the top 10 U.S. states for motor gasoline consumption, using approximately **4.3 billion gallons** of gas a year—enough to fill Michigan Stadium 25 times.¹

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 \$3.55 per gallon for gas and \$0.19 per kWh for electricity, a Michigander driving 15,000 miles per year would save **\$1,073 annually** by switching to an EV!²

Michigan EV Market Snapshot

50,284³ 
battery electric
vehicle registrations

4,033⁴ 
charging ports

24,588,876⁵ 
estimated gallons of
gas saved per year

9.8%⁶ 
EV market share during
latest sales quarter

Growing Michigan's Economy and Challenging Global Competitors

For generations, Michigan has led the way in the global automotive industry and transportation innovation. Today, strong investments in EVs and battery manufacturing are ensuring the state remains at the forefront of this new era. Significant contributions from automakers, battery suppliers, energy companies, and government funding are driving economic growth and cementing Michigan's leadership in the EV supply chain.

Total Investment:
\$8.43 billion⁷

Total Federal Funding:
\$244,740,102⁸

Total Jobs:
~14,128⁹

This doesn't include federal funding just announced for two facilities in Michigan as part of a government program to boost electric vehicle production. A General Motors plant in Lansing will receive \$500 million to convert a plant to electric vehicle production, and approximately \$157.7 million will go to a ZF plant in Marysville for e-mobility conversion.¹⁰

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 2022.¹¹ 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 Michigan Electrification Projects¹²

- **Auburn Hills:** Dana Thermal Products EV manufacturing
- **Auburn Hills, Dearborn, Hazel Park:** Bogwarner
- **Auburn Hills:** GM EV automotive supply facility
- **Auburn Hills:** Magna Auburn Hills seating facility
- **Auburn Hills:** Samsung SDI battery expansion
- **Auburn Hills:** Via Motors
- **Bath Township:** Norm Fasteners manufacturing facility
- **Bay City:** Mersen
- **Bay City:** SK Sikitron CSS facility expansion
- **Big Rapids:** Gotion battery plant
- **Charlotte:** Shyft EV Group
- **Corktown:** E Cog
- **Delta:** Ultium Cells
- **Detroit:** GM EV parts
- **Detroit:** Fortescue Metals manufacturing facility
- **Farmington Hills:** Jin Jing Electric North America
- **Greenville:** Mersen Greenville manufacturing facility
- **Holland:** ATC Drivetrain manufacturing facility
- **Independence:** Lear EV Gigafactor
- **Lowell:** Navico Battery Center for Excellence
- **Marshall:** Blue Oval Battery Park
- **Marshall, Southfield, Canton:** Eaton Corporation
- **Midland:** Freudenberg e-Power Systems facility
- **New Hudson:** DESign USA manufacturing operations facility
- **Novi:** Scout Motors manufacturing facility
- **Oakland County:** Expleo research and design facility
- **Oak Park and Livonia:** Bollinger Motors EV expansion
- **Spring Lake:** Concept Metals EV components facility
- **St. Clair:** Magna Electric Vehicles
- **Sterling Heights:** AGS Automotive systems expansion
- **Southfield:** Lucid Motors engineering and design hub
- **Thomas:** Hemlock
- **Ypslanti:** EAVX EV component facility
- **York:** Toyota EV battery testing lab
- **Van Buren:** Our Next Energy

1: <https://www.eia.gov/dnav//pet/hist/LeafHandler.ashx?n=PET&s=C100020471&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, 12: Climate Power, EV Jobs Hub (Atlas Public Policy), Electrification Coalition

10: <https://www.cbsnews.com/detroit/news/biden-awards-1-7-billion-to-boost-electric-vehicle-production/>

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