

Zero Emission Vehicle (ZEV) investments and jobs in states challenging EPA clean car standards (March 2022)

Arizona

- Lucid, Polestar, Rivian, Tesla, and Atlys Motor Vehicles have all set up operations in the state.
- Lucid Motors [completed](#) the first phase of its \$700 million investment for its Advanced Manufacturing Plant (AMP-1) in Casa Grande, Arizona. Lucid has also [begun](#) an expansion of the plant that will create 6,000 direct jobs with an economic impact of more than \$100 million by 2030.
- Atlys Motor Vehicles, a startup based in Mesa, is producing electric work trucks. Atlys recently launched a [\\$10 million](#) crowdfunding campaign to raise capital and expand their operations. Atlys has secured \$300+ million in future revenue from battery technology alone and over 24,000 contractual orders for trucks around the world. Previously they raised about \$22 million. Atlys plans to use the capital to help further [their plans](#) to create a new truck called the XT that targets customers in the agriculture, construction, and utility industries. They plan to hire more engineers, buy more battery testing equipment, expand sales programs and finalize the production-level design for the XT.

Alabama

- Mercedes-Benz has [committed](#) \$1 billion to expand a plant in Tuscaloosa, Alabama, to set up production of EVs and batteries in the U.S. and expects this will create 600 new jobs.

Arkansas

- Electric vehicle maker Envirotech Vehicles Inc. [announced](#) it will move its manufacturing operations and headquarters across the country from California to Osceola, Arkansas, adding about 800 jobs as part of an \$80.7 million investment over the next five years. It will be about two years before full-scale production can begin at the Osceola facility, with the plant churning out up to 2,000 vehicles a year. To do that, the company plans to invest up to another \$200 million above the initial \$80.7 million investment. Envirotech makes and provides all-electric, zero-emission vehicles and zero-emission drive trains for medium to heavy-duty commercial fleet vehicles. The company will place a priority on local sourcing of materials, including lithium and steel from Arkansas-based producers such as U.S. Steel.
- Canoo has [selected](#) Bentonville, AR as its headquarters and will use the area as an anchor for its electric vehicle production operations and for research-and-development efforts. These and other investments will bring at least 545 high paying jobs to Benton and Washington counties in Northwest Arkansas.

Indiana

- Stellantis, formerly Fiat Chrysler, [will](#) invest \$229 million in three plants in Kokomo, Indiana to expedite the transition to electric vehicles.
- Electric Last Mile Solutions is [planning](#) to build an electric light-duty vehicle in Mishawaka, Indiana. The company plans to have 100 employees by the end of 2021 and up to 900 by 2025.

- Toyota Motor Manufacturing Indiana [announced](#) the construction of a \$1.3 billion automotive battery plant near one of its vehicle assembly plants in Princeton, Indiana, which is already focused on EV generation. In April, TMMI announced plans to invest \$800 million to [retool the manufacturing lines](#) at the Gibson County plant to produce two electric vehicle models and add 1,400 workers. Toyota says it aims to start battery production in 2025, focusing on lithium-ion auto batteries. The new factory would eventually result in 1,750 new jobs, according to the automaker.
- General Motors is [planning](#) to invest more than \$50 million into one of its Indiana facilities as a part of expanding the company's electric vehicle production. The Bedford Casting Operations, south of Bloomington, will be upgraded to produce components for the engine and transmission for the Chevrolet Silverado EV that is set to debut next year.

Kentucky

- Ford is [investing](#) \$5.8 billion to build BlueOval SK Battery Park, a new joint venture between Ford and SK Innovation—in Glendale, Kentucky—consisting of twin battery plants that will produce advanced lithium-ion batteries starting in 2025. The Kentucky plants will create 5,000 new jobs and supply Ford's next-generation electric Ford and Lincoln vehicles.

Louisiana

- Syrah Resources [announced](#) it is investing \$176 million to expand its Syrah Technologies graphite processing facility in central Louisiana, giving the state a supply-chain foothold in the rapidly expanding market for electric vehicle components produced in the United States. Syrah Technologies is retaining 19 employees and creating 36 direct new jobs with average annual salaries of \$69,000, plus benefits. Louisiana Economic Development estimates the project will result in 52 indirect jobs, for a total of 88 new jobs in Louisiana's Central Region.

Mississippi

- Nissan Motor Co [said](#) it will invest \$500 million to retool its U.S. assembly plant near Canton, Mississippi, to build two new electric vehicles, and a top executive said the automaker is looking for a U.S. site to build a battery factory. Nissan said it plans to assemble electric vehicles for its Nissan and Infiniti brands in Mississippi starting in 2025.

Missouri

- Ford Motor [plans](#) to invest \$100 million in a plant in Missouri to produce an all-electric version of its Transit van. The investment is part of Ford's more than \$11.5 billion in spending on electric vehicles through 2022, including \$3.2 billion set aside for several new all-electric vehicles such as the Transit van and an EV version of the F-150 pickup. The Transit EV will be produced at Ford's Kansas City Assembly Plant, where it will add 150 jobs for production of the van.

Ohio

- General Motors is [investing](#) \$2.3 billion into a joint venture with LG Chemical to build a battery cell manufacturing plant in Lordstown, Ohio. GM said it expects to put the Ultium batteries in its new Cadillac Lyriq electric car and its new electric Hummer sport utility vehicle. GM said it will hire 1,100 people at the plant.

- In a new report, [Ohio Battery Supply Chain Opportunities](#), [Benchmark Mineral Intelligence](#)—a leading battery industry analysis firm—concludes that Ohio is already home to several companies active in the supply chain, including [BASF](#) which produces cathode materials for lithium ion batteries in Elyria, and [Dana Corporation](#) which produces thermal management systems for Li-ion batteries. And several Ohio universities are also leaders in battery research and development, including [Ohio State](#), [Wright State](#), [Case Western Reserve University](#), the [University of Dayton](#), and the [University of Akron](#). Additionally, [Glenn Research Center](#) manages Li-ion battery development for the International Space Station. And the [Air Force Research Lab](#) at Wright Patterson Air Force Base supports research on lithium ion for military applications.

Oklahoma

- Canoo, a California EV startup, will [build](#) a new EV factory outside of Tulsa, Oklahoma, opening in 2023 and is expected to create more than 2,000 jobs.
- Oklahoma Commerce Director Brent Kislring [said](#) that there is \$15 billion of electric auto manufacturing investment in the pipeline looking at Oklahoma.

South Carolina

- U.K.-based Arrival, specializing in delivery vans, [will](#) establish its first U.S. Microfactory in York County, South Carolina. The \$46 million investment is expected to create 240 new jobs. Five months later, Arrival announced it would also establish a Microfactory in Charlotte, North Carolina, bringing 250 additional jobs to the region.
- Mercedes will [bring](#) the next generation of eSprinter vans to the United States through a nearly \$60 million investment in South Carolina.
- Proterra, a leader in the design and manufacturing of zero-emission electric transit vehicles and electric vehicle (EV) technology solutions for commercial applications, [announced](#) new manufacturing operations in Spartanburg County. The company's \$76 million investment is expected to create more than new 200 jobs.

Texas

- Tesla is [spending](#) \$1 billion to build the Austin Gigafactory – an EV manufacturing plant in Travis County, Texas. Tesla will invest \$10 billion over the life of the Gigafactory, which is expected to generate at least 20,000 direct jobs and at least 100,000 indirect jobs due to secondary effects.