

# CLEAN ENERGY BOOM

THE 109,379 (AND COUNTING) NEW CLEAN ENERGY JOBS  
ACROSS THE UNITED STATES

Since the landmark Inflation Reduction Act (IRA) became law in August 2022, companies are racing forward with massive investments to build our clean energy future. New manufacturing in wind, solar, batteries, and electric vehicles — along with storage projects across the country — mean new, good-paying jobs for hard-working Americans. In the six months since the landmark climate and clean energy investments became law, clean energy companies have announced or moved forward with projects accounting for **more than 100,000 new clean energy jobs** for electricians, mechanics, construction workers, technicians, support staff, and many others.

As the largest U.S. investment in clean energy and climate in history, this national clean energy plan will continue to reshape and recharge our economy for many decades to come. The Made in America clean energy boom is just getting started.

This report analyzes public announcements from the private sector since the passage of the Inflation Reduction Act to demonstrate the breadth and scale of the growing clean energy economy being built all across the country.

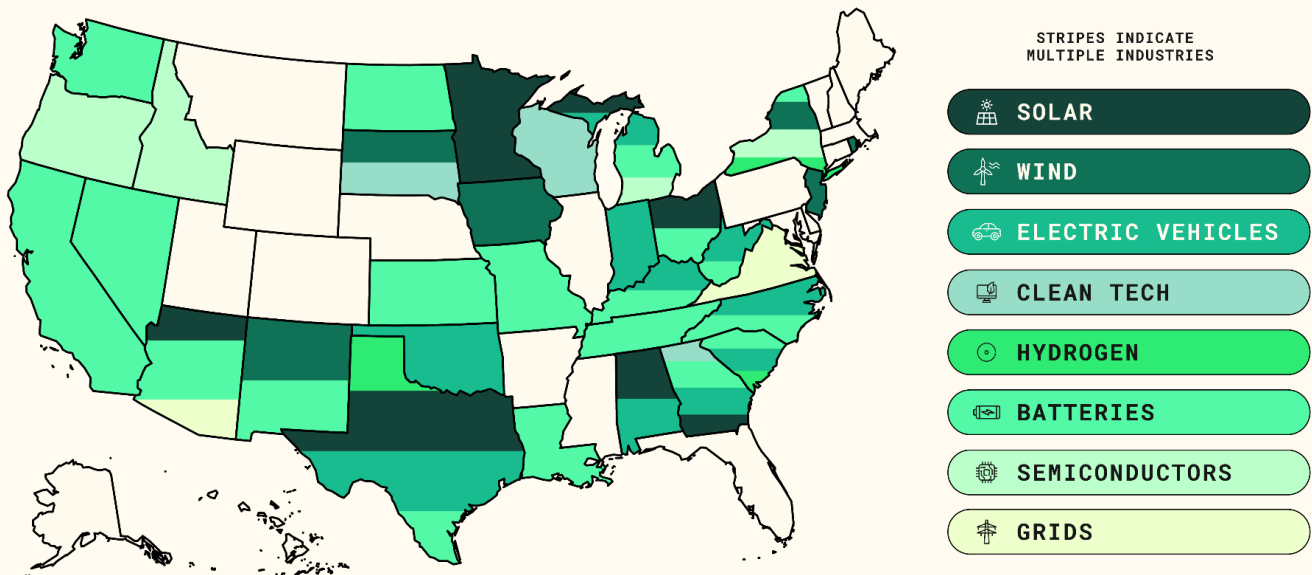
## MORE THAN 100,000 NEW JOBS ACROSS THE COUNTRY

Clean energy projects creating **109,379 new jobs** in **33 states** were **announced or advanced** between August 16, 2022 and January 31, 2023. As of January 31, 2023, there are **126 new clean energy projects** in small towns and bigger cities nationwide totaling **\$193.3 billion in new investments**.

Plans include 49 new battery manufacturing sites in places like Van Buren Township, Michigan; Tucson, Arizona; and Florence County, South Carolina. So far, companies have announced plans for 24 new or expanded electric vehicle manufacturing facilities in Pryor, Oklahoma;

Montgomery, Alabama; Highland Park, Michigan — and more. A further 22 plans were announced to expand wind and solar manufacturing in cities including Pueblo, Colorado; Perrysburg, Ohio; and Georgetown, Texas. The majority of the projects are in 8 states — Arizona, California, Georgia, Michigan, New York, North Carolina, South Carolina, and Texas.

## NEW CLEAN ENERGY JOBS SINCE THE PASSAGE OF THE INFLATION REDUCTION ACT



SOURCED FROM NEWS ANNOUNCEMENTS AS OF 01.31.23

Driven in part by the certainty created by the clean energy plan and its incentives to build the clean energy future here at home, American companies restored almost [350,000 manufacturing jobs](#) in 2022 — a 25 percent increase from 2021. [A recent analysis](#) by the BlueGreen Alliance and the Political Economy Research Institute at the University of Massachusetts Amherst projects that the Inflation Reduction Act will create over 9 million clean energy and climate-related jobs over the next decade.

### STATE SNAPSHOTS: THE CLEAN ENERGY ECONOMIC BOOM


States around the country have benefited from the provisions of the national clean energy plan. Even [climate skeptics have touted the benefits of the law](#) for their communities because they now understand that this clean energy plan means big investments in their

communities and new jobs. Already, the new law has significantly benefited local economies and will provide family-sustaining wages in ZIP codes from coast to coast.

8 STATES WITH MAJORITY OF PROJECTS	
STATE	# OF PROJECTS
ARIZONA	10 PROJECTS
CALIFORNIA	7 PROJECTS
GEORGIA	10 PROJECTS
MICHIGAN	10 PROJECTS
NEW YORK	7 PROJECTS
NORTH CAROLINA	6 PROJECTS
SOUTH CAROLINA	7 PROJECTS
TEXAS	10 PROJECTS

ARIZONA

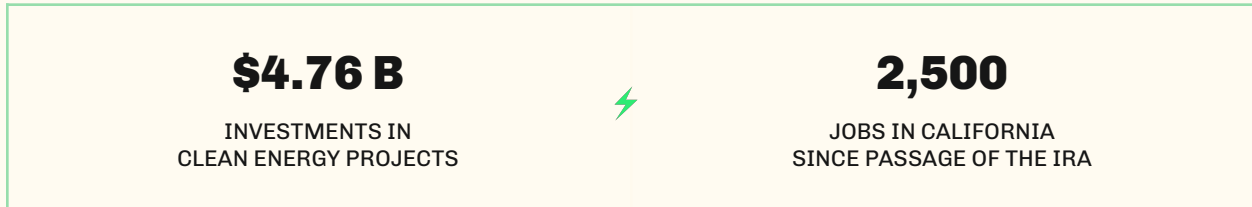
→ LG put its Arizona facility on hold when the Build Back Better Act died but is reported to be [proceeding since the Inflation Reduction Act’s passage](#). KORE Power CEO Lindsay Gorrill [applauded the passage of the Inflation Reduction Act](#) and said it provides an “[incredible lift](#)” to his company’s project in Buckeye, where it is developing a gigafactory [in hopes of claiming the law’s tax credits](#).

<p><b>\$3.91 B</b></p> <p>INVESTMENTS IN CLEAN ENERGY PROJECTS</p>		<p><b>12,300</b></p> <p>JOBS IN ARIZONA SINCE PASSAGE OF THE IRA</p>
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## CALIFORNIA

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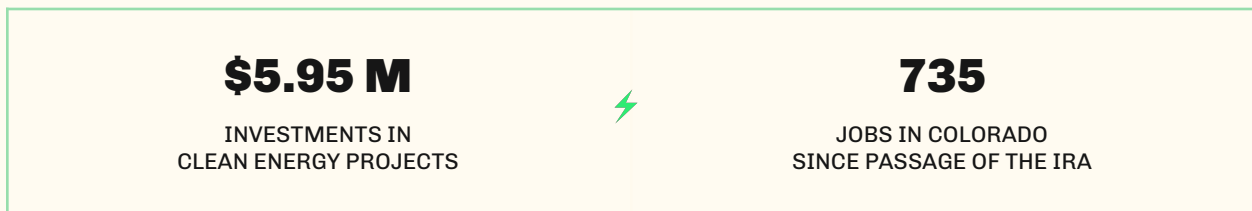
- Newly launched company Statevolt has plans to construct a [\\$4 billion and 54 GWh lithium-ion manufacturing plant in Southern California](#), to further the production of EV batteries in the state.



## COLORADO

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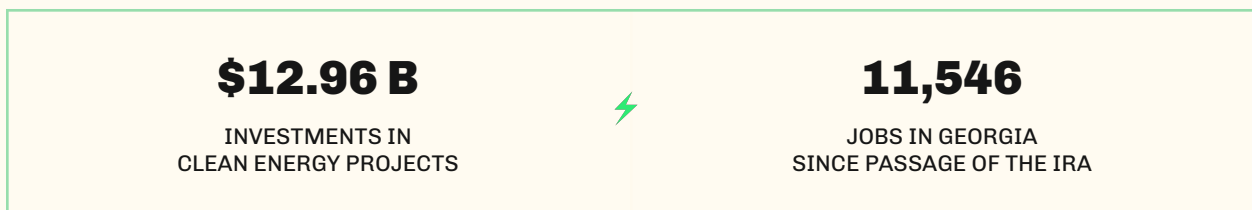
- CS Wind announced plans to [expand the largest wind turbine factory in the world](#), located in Pueblo, Colorado. The CS Wind expansion will add two new buildings and triple the workforce, rivaling the state's steel plant.



## GEORGIA

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- [Freyr Battery](#) invested in a new Gigafactory in Coweta County, [QCells](#) is building a new [\\$2.5 billion solar panel factory](#), and [Hyundai Motor Group](#) and [SK On](#) jointly invested [\\$4 to \\$5 billion](#) to build electric battery plants outside of Atlanta that will supply Hyundai and Kia EVs built in the U.S.



## MICHIGAN

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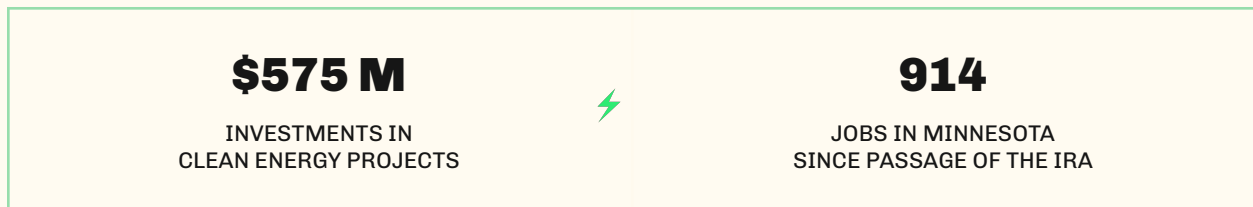
- [Our Next Energy](#), a Michigan-based company, invested \$1.6 billion in their first battery manufacturing campus in Wayne County, EV battery maker [Gotion Inc.](#) laid plans for a [\\$2.4 billion factory](#) in Big Rapids, and [Magna](#) invested [\\$526 million](#) across several expansion projects to further Michigan’s status as the “home of the auto industry and the future of mobility in Michigan,” according to Governor Whitmer.



## MINNESOTA

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- Cummins is driving the clean hydrogen economy forward in Minnesota, with the announcement of its [first U.S. electrolyzer production facility](#) in Fridley, Minnesota.
- Regulators approved Xcel Energy’s plans to [build Minnesota’s largest solar power plant](#), replacing electricity lost from closing coal-fired power plants across the state. The company also recently [announced the addition of battery storage](#) at the site, which will enable them to increase the grid’s renewable capacity.



## NEVADA

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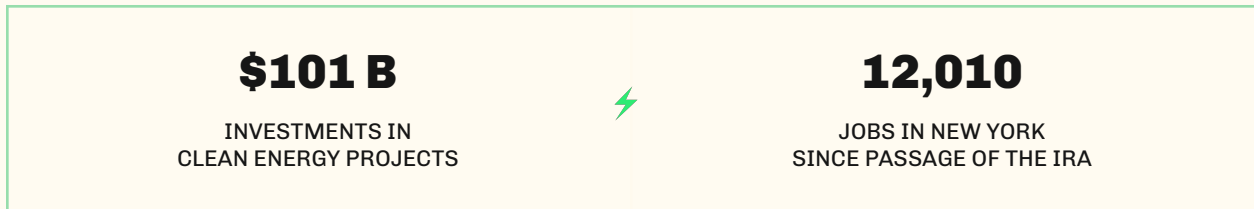
- [Tesla](#) is [resuming construction](#) on its [\\$3.5 billion expansion gigafactory](#) in Nevada, set to produce 105 GWh of battery cell production and over 150 GWh of

battery packs annually. The Department of Energy also funded several projects to help Nevada achieve its goal of becoming the “[Silicon Valley of lithium](#).”



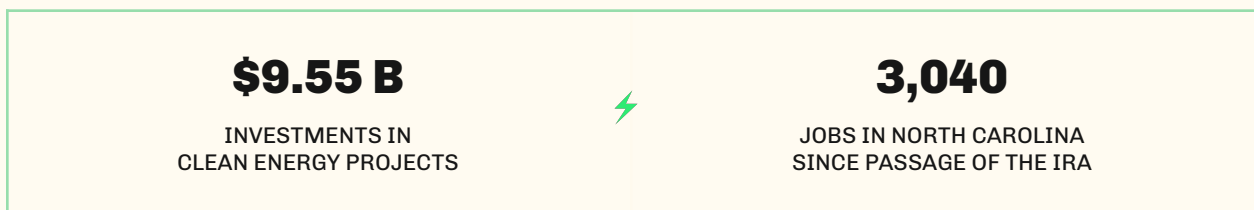
## NEW YORK

- Furthering New York’s vision to become the nation’s offshore wind manufacturing hub, [GE proposed](#) two new offshore wind energy manufacturing facilities in the state and [Zinc8 Energy Solutions announced a \\$68 million investment plan](#) to relocate its battery manufacturing facility and U.S. headquarters to the mid-Hudson region.



## NORTH CAROLINA

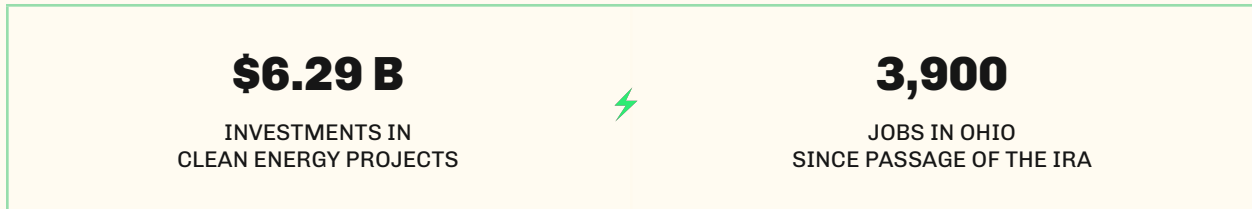
- Several new projects benefiting EV production are coming to North Carolina, including [Toyota’s \\$2.5 billion investment](#) in their EV battery facility and [Wolfspeed’s commitment to building](#) the world’s largest silicon carbide materials facility in Chatham County, producing a material used for components in electric vehicles and solar equipment.



## OHIO

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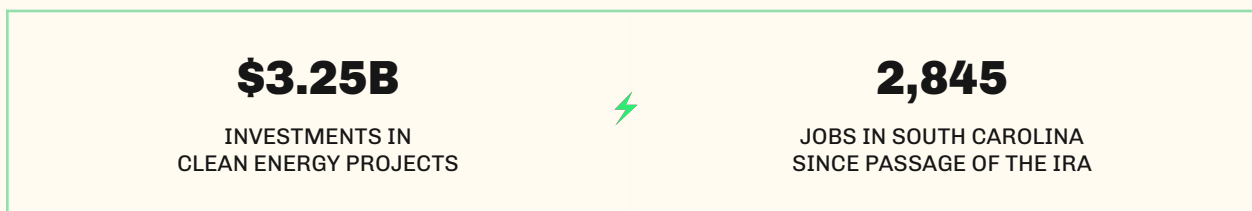
- Honda and LG Energy Solutions are partnering on a \$4.4 billion investment to develop a battery plant project in Fayette County, the largest direct private investment in Ohio's history, and First Solar made a \$680 million investment to expand their solar plant in Wood County.



## SOUTH CAROLINA

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- BMW announced a \$1.7 billion investment in South Carolina in their shift to EV manufacturing, and Bosch announced production of electric motors in Charleston to the tune of \$260 million.
- ABB E-mobility will expand its EV charger facility to create up to 10,000 chargers a year for transit buses, Envision AESC is investing \$810 million in a new battery gigafactory in Florence County in partnership with BMW.

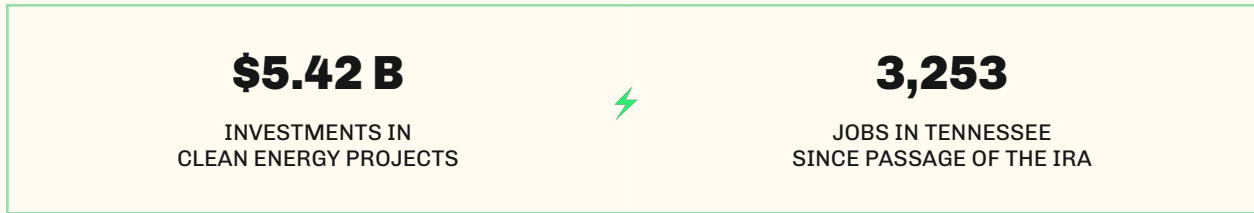


## TENNESSEE

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- Tennessee has several projects set to bring jobs to the state: Piedmont Lithium announced plans to invest \$600 million in a new lithium hydroxide plant, Daejin Advanced Materials announced a \$10.2 million investment in a new EV battery plant, Microvast is investing \$504 million in a new EV battery plant, NOVONIX Anode Materials shared a new battery plant project expected to cost

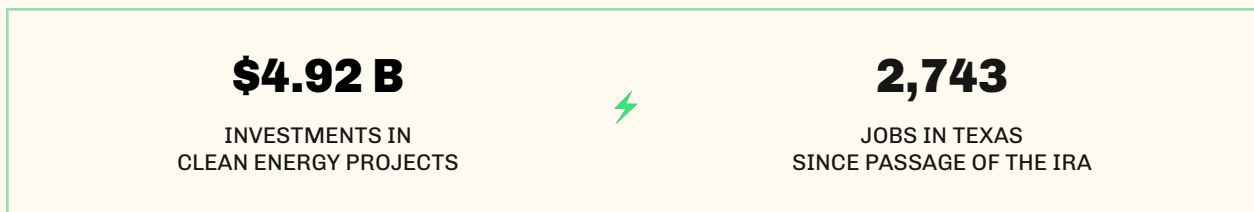
upwards of \$1 billion, and LG Chem plans to invest \$3.2 billion in a battery cathode plant.



## TEXAS

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- Since the passage of the law, Texas has seen record investments: SK Signet announced plans for an EV fast charger manufacturing facility, Tesla plans to invest \$770 million toward expanding its Austin EV factory, and Air Products and AES jointly announced a \$4 billion investment for the companies' first mega-scale green hydrogen production facility.
- OCI and Mission Solar announced a \$40 million investment to expand domestic solar module production facilities, and SEG Solar announced a new residential solar project that will bring 500 jobs to the state.



## WEST VIRGINIA

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- SPARKZ and Form Energy each announced plans to build battery plants, Form Energy investing \$760 million in a longer lasting iron-air battery project.
- GreenPower rolled out a timeline to begin manufacturing zero-emission, all-electric school buses in its newly-acquired facility as a result of new funding in the EPA's Clean School Bus Program thanks to the Inflation Reduction Act.



**\$760 M**

INVESTMENTS IN  
CLEAN ENERGY PROJECTS



**4,650**

JOBS IN WEST VIRGINIA  
SINCE PASSAGE OF THE IRA

**ACROSS THE COUNTRY, NEW INVESTMENTS MADE IN ONGOING CLEAN ENERGY PROJECTS CONTINUE TO SPUR NEW JOBS.**

BY THE NUMBERS		
STATE	INVESTMENT	JOBS
ALABAMA	\$1.21 BILLION	1,280 JOBS
ARIZONA	\$3.91 BILLION	12,300 JOBS
CALIFORNIA	\$4.76 BILLION	2,500 JOBS
COLORADO	\$5.95 MILLION	735 JOBS
GEORGIA	\$12.96 BILLION	11,546 JOBS
IDAHO	\$15 BILLION	2,000 JOBS
ILLINOIS	\$360 MILLION	-
INDIANA	\$566 MILLION	75 JOBS
IOWA	-	700 JOBS
KANSAS	\$4 BILLION	20,500 JOBS
KENTUCKY	\$1.07 BILLION	541 JOBS
LOUISIANA	\$851 MILLION	200 JOBS
MICHIGAN	\$7.62 BILLION	10,022 JOBS
MINNESOTA	\$575 MILLION	914 JOBS
MISSOURI	\$400 MILLION	150 JOBS
NEVADA	\$3.89 BILLION	3,400 JOBS
NEW JERSEY	\$1.07 BILLION	200 JOBS
NEW MEXICO	\$344 MILLION	-
NEW YORK	\$101 BILLION	12,010 JOBS
NORTH CAROLINA	\$9.55 BILLION	3,040 JOBS
NORTH DAKOTA	\$433 MILLION	150 JOBS
OHIO	\$6.29 BILLION	3,900 JOBS
OKLAHOMA	-	2,000 JOBS

OREGON	\$1 BILLION	280 JOBS
RHODE ISLAND	\$200 BILLION	1,850 JOBS
SOUTH CAROLINA	\$3.25 BILLION	2,845 JOBS
SOUTH DAKOTA	\$1 BILLION	1,280 JOBS
TENNESSEE	\$5.42 BILLION	3,253 JOBS
TEXAS	\$4.92 BILLION	2,743 JOBS
VIRGINIA	\$37 MILLION	165 JOBS
WASHINGTON	\$723 MILLION	800 JOBS
WEST VIRGINIA	\$760 MILLION	4,650 JOBS
WISCONSIN	-	200 JOBS
STATE NOT SPECIFIED	\$107 MILLION	3,150 JOBS
<b>TOTAL OF 109,379 JOBS</b>		

## METHODOLOGY

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*This report analyzes public announcements from the private sector since the passage of the Inflation Reduction Act to demonstrate the breadth and scale of the clean energy economic boom happening all across the country. It tracks public announcements from the private sector between August 16, 2022 to January 31, 2023.*

*A March 2023 update of this report revised the total number of jobs from 101,036 jobs to 109,379 jobs.*