



NORTH CAROLINA

THE INFLATION REDUCTION ACT IS TURBOCHARGING NORTH CAROLINA'S ECONOMY, POSITIONING IT AS A HUB FOR BATTERIES AND EV PRODUCTION

Passing the Inflation Reduction Act (IRA) has kicked America's clean energy sector into high gear, and in North Carolina, that means the state is becoming a clean energy minerals production powerhouse. Across the state, new clean energy projects have already spurred more than \$9.78 billion in investment, the 10th highest nationally, and created or moved forward with over 4,768 good-paying clean energy jobs, the 15th highest in the country. Projects span two sectors — batteries and electric vehicles. 94% of the state's new investments and nearly 50% of new jobs are happening in North Carolina's rural communities. The IRA will continue to accelerate the clean energy jobs boom while lowering energy costs for families, investing in disadvantaged communities, and reducing climate pollution across the state.

CLEAN ENERGY PROJECTS IN NORTH CAROLINA SINCE THE PASSAGE OF THE IRA			
\$9.78 B		4,768	
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			JOBS IN NORTH CAROLINA
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
KEMPOWER EV CHARGING MANUFACTURING PLANT	DURHAM	\$41 MILLION	600 JOBS
WOLFSPEED CHIP FACTORY	CHATHAM COUNTY	\$5 BILLION	1,800 JOBS
TOYOTA NORTH CAROLINA EV PLANT	LIBERTY	\$3.8 BILLION	350 JOBS
KINGS MOUNTAIN LITHIUM MATERIALS PROCESSING PLANT	KINGS MOUNTAIN	\$375.5 MILLION	200 JOBS
LIVENT LITHIUM HYDROXIDE FACILITY	BESSEMER CITY	-	30 JOBS
ALPITRONIC HEADQUARTERS	CHARLOTTE	\$18.4 MILLION	300 JOBS
ATOM POWER WORKFORCE EXPANSION	HUNTERSVILLE	\$150 MILLION	170 JOBS
ATOM POWER HEADQUARTERS AND MANUFACTURING OPERATIONS EXPANSION	HUNTERSVILLE	\$4.2 MILLION	205 JOBS
APPLIED MATERIALS ADVANCED PRELITHIATION AND LITHIUM ANODE MANUFACTURING FACILITY	-	\$224 MILLION	490 JOBS

SUNLIGHT BATTERIES USA NORTH CAROLINA MANUFACTURING PLANT	MEBANE	\$40 MILLION	133 JOBS
JOHN DEERE BATTERY AND CHARGER MANUFACTURING FACILITY	KERNERSVILLE	\$69.6 MILLION	50 JOBS
AUTEL ENERGY EV CHARGERS MANUFACTURING PLANT	GREENSBORO	\$40 MILLION	400 JOBS
CUMMINS-MERITOR EV COMPONENTS MANUFACTURING EXPANSION	FLETCHER	\$17 MILLION	40 JOBS

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM 200K REPORT, NOVEMBER 2023

SPOTLIGHT: NORTH CAROLINA CLEAN ENERGY PROJECTS

Since the passage of the IRA, clean energy projects in North Carolina were able to move forward, creating jobs and investing in the state’s clean energy economy:

- EV manufacturing continues to grow in the Tar Heel state. Toyota [tripled its investment](#) in North Carolina after the IRA passed, [injecting \\$2.5 billion more](#) into its Liberty EV battery manufacturing facility. In August 2023, Deere & Company announced a [\\$69 million investment](#) in a new battery manufacturing facility for electric off-highway equipment in Kernersville, creating 50 new jobs.
- EV charging manufacturers are flocking to North Carolina. In February 2023, Kempower [credited the IRA](#) for the company’s decision to build a \$41 million EV charging station manufacturing facility in Durham. In May 2023, EV charger manufacturer [Alpitronic announced plans](#) for a \$9.3 million tech and repair facility and headquarters in Charlotte, [creating 300 new jobs](#) with an average salary of over \$90,000. Atom Power announced two expansions at its EV chargers manufacturing facility in Huntersville since the Inflation Reduction Passed, [investing a total of \\$154 million](#) and [creating 375 new jobs](#) with an average salary of \$92,000.
- [Wolfspeed announced plans to build](#) the world’s largest silicon carbide materials facility in Chatham County, producing a material used for components in EVs and solar equipment and creating 1,800 jobs.

SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL NORTH CAROLINA

Since the passage of the IRA, new clean energy projects have spurred economic growth in North Carolina’s rural communities:

- 49% of new clean energy jobs (2,350), 94% of new clean energy investments (\$9.17 billion), and 23% of projects (3) in North Carolina are located in rural communities.



- In September 2022, Wolfspeed announced a [\\$5 billion investment](#) to create the world's largest silicon carbide materials facility in Chatham County, North Carolina, supplying the raw materials for chips used in EVs. The facility will [create 1,800 new jobs](#) that pay an average salary of over \$77,700 per year. The economy in Chatham County, which is 64% rural, has been [thriving in the past year](#) in part due to Wolfspeed's investment.
- In December 2022, Albemarle announced a [\\$200 million investment](#) to process lithium materials in Kings Mountain, creating over 200 highly skilled jobs. Albemarle's hiring is [supported by a training program](#) at a local community college. Kings Mountain is located in both Cleveland County and Gaston County, which are 62% and 19% rural, respectively. Albemarle is helping to bring back the lithium industry in Kings Mountain, which was one of the biggest lithium producers in the world until the late 1980s.
- In December 2021, [Toyota first announced](#) it selected North Carolina for its new EV battery plant. In August 2022, after the passage of the Inflation Reduction Act, Toyota announced it would [increase its investment by \\$2.5 billion](#), creating an additional 350 jobs on top of the initially announced 1,750 jobs. Toyota's factory is in Randolph County, which is 60% rural.

SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

Since the passage of the IRA, new clean energy projects have brought jobs and investments to North Carolina districts represented by Republican members of the House:

- Four of North Carolina's 13 projects are in Republican-held districts, representing 30% of all projects in the state, \$4.2 billion in investment, and 620 jobs.
- **North Carolina's 9th Congressional District:** Represented by Rep. Richard Hudson, this district has attracted one new clean energy project, generating 350 new jobs and \$3.8 billion in investment. Rep. Hudson [opposed the IRA, saying](#), "This bill would raise taxes, throw money at woke climate and social programs that won't work — including over \$350 billion for 'Green New Deal' initiatives — and make the inflation crisis worse."
- **North Carolina's 10th Congressional District:** Represented by Rep. Patrick McHenry, this district has attracted two new clean energy projects, generating 230 new jobs and \$375 million in investments. Rep. McHenry [opposed the IRA, tweeting](#), "#ICYMI President Biden visited North Carolina to 'tout' the Inflation Reduction Act. Only one problem: this bill did nothing to reduce inflation and only exacerbated the issues my constituents are facing as they struggle to afford gas, groceries, and more."
- **North Carolina's 11th Congressional District:** Represented by Rep. Chuck Edwards, this district has attracted one new clean energy project, generating 40 new jobs and \$17 million in investments. Rep. Edwards [opposed the IRA, tweeting](#), "The Democrats' so-called 'Inflation Reduction' Act gave \$80 billion to the IRS to target hard-working Americans and more than \$400 billion to the extreme Green New Deal slush fund – and yet @POTUS thinks there's not a dollar where we can save taxpayers' money?"

SNAPSHOT: NORTH CAROLINA'S CLEAN ENERGY ECONOMY

Overall, North Carolina's clean energy economy is booming, with more than 105,000 jobs across the state as of 2023, including jobs in renewable electricity generation, energy storage, energy efficiency, and clean vehicles. As the largest U.S. investment in clean energy and climate in history, the IRA will continue to reshape and recharge our economy for many decades to come. The Made in America clean energy boom is just getting started.

