



NORTH CAROLINA

NORTH CAROLINA IS EMERGING AS A BATTERY AND EV HUB, BUT TRUMP’S ACTIONS ARE REVERSING THAT PROGRESS - NOW CLEAN ENERGY REPEAL EFFORTS ARE RISKING CATASTROPHE

Since new clean energy investments were passed in 2022, America’s clean energy sector has kicked into high gear, transforming North Carolina into an electric vehicle battery hub. But in just the first few months since Trump’s election, attacks on clean energy and the uncertainty of tariffs have already taken their toll, leading to the delay of **\$275 million** in investments and the loss of **200 jobs** across clean energy sectors in North Carolina alone.

Even more dangerously, efforts from some Washington Republicans to repeal tax credits for clean energy manufacturing could completely decimate the manufacturing boom North Carolina and many other states have seen since 2022. If those Republicans in Congress succeed, **\$20.72 billion** in investment and **17,515** good-paying clean energy jobs are at risk of being killed in North Carolina alone. The **34** projects representing these investments and jobs span five sectors — batteries, clean technologies, electric vehicles, solar, and grid and transmission.

Gutting clean energy investments would be particularly devastating to North Carolina’s disadvantaged communities, where companies have announced **\$15.1 billion** in investment and the creation of **8,815** good-paying clean energy jobs, while North Carolina’s rural communities have seen project announcements totaling **\$17.3 billion** in investment and **9,499** jobs.

UNPLUGGED: TRUMP IS KILLING NORTH CAROLINA’S CLEAN ENERGY MOMENTUM

Since taking office, the Trump administration’s tariffs and attacks on federal clean energy investments have caused companies to delay or cancel millions in clean energy investments statewide, jeopardizing 200 jobs.

CLEAN ENERGY PROJECTS IN NORTH CAROLINA LOST OR THREATENED SINCE TRUMP TOOK OFFICE				
<div>\$275 M</div> <div>INVESTMENTS LOST OR THREATENED IN CLEAN ENERGY PROJECTS</div>		<div>⚡</div>	<div>200</div> <div>JOBS LOST OR THREATENED IN NORTH CAROLINA</div>	
PROJECT	LOCATION	STATUS	INVESTMENT	JOBS
ALBEMARLE KINGS MOUNTAIN LITHIUM MINE	KINGS MOUNTAIN	DELAYED	\$275 MILLION	200 JOBS

CLEAN ENERGY PROJECTS AT RISK IN NORTH CAROLINA

\$20.72 B

INVESTMENTS IN
CLEAN ENERGY PROJECTS AT RISK

17,515

JOBS
IN NORTH CAROLINA AT RISK



PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
ALBEMARLE LITHIUM METAL ANODE MATERIALS FACILITY	-	-	300 JOBS
METOX INTERNATIONAL SUPERCONDUCTOR MANUFACTURING FACILITY	CHATHAM COUNTY	-	333 JOBS
BOVIET SOLAR MANUFACTURING FACILITY	GREENVILLE	\$294 MILLION	908 JOBS
NATRON BATTERY MANUFACTURING FACILITY	KINGSBORO	\$1.4 BILLION	1,000 JOBS
FORGE BATTERY BATTERY MANUFACTURING PLANT	MORRISVILLE	\$65 MILLION	830 JOBS
SIEMENS ELECTRIFICATION AND AUTOMATION HEADQUARTERS EXPANSION	WENDELL	\$36 MILLION	200 JOBS
SIEMENS ENERGY WAKE COUNTY EXPANSION	WENDELL		85 JOBS
IONNA EV CHARGER MANUFACTURING FACILITY	DURHAM COUNTY	\$10 MILLION	203 JOBS
KEMPOWER EV CHARGING MANUFACTURING PLANT	DURHAM	\$41 MILLION	300 JOBS
SUNLIGHT BATTERIES USA NORTH CAROLINA MANUFACTURING PLANT	MEBANE	\$40 MILLION	133 JOBS
TOYOTA TSUSHO WINSTON-SALEM	WINSTON-SALEM	\$13.7 MILLION	39 JOBS
AUTEL ENERGY EV CHARGERS MANUFACTURING PLANT	GREENSBORO	\$40 MILLION	400 JOBS
JOHN DEERE BATTERY AND CHARGER MANUFACTURING FACILITY	KERNERSVILLE	\$69.6 MILLION	50 JOBS
EPSILON ADVANCED MATERIALS SYNTHETIC GRAPHITE MANUFACTURING FACILITY	WILMINGTON	\$649.9 MILLION	1200 JOBS
DAI NIPPON PRINTING CO. LITHIUM-ION BATTERY POUCH MANUFACTURING FACILITY	LINWOOD	\$233 MILLION	352 JOBS
FUJIIHATSU & TOYOTSU BATTERY COMPONENTS EV BATTERY MANUFACTURING FACILITY	LIBERTY	\$60 MILLION	133 JOBS
GREEN METAL EV BATTERY	LIBERTY	\$19.8 MILLION	47 JOBS



RECYCLING FACILITY			
PENNSYLVANIA TRANSFORMER TECHNOLOGY RAEFORD MANUFACTURING FACILITY	RAEFORD	\$102 MILLION	217 JOBS
TOYOTA BATTERY MANUFACTURING NORTH CAROLINA AUGUST 2022 EXPANSION	LIBERTY	\$3.8 BILLION	350 JOBS
TOYOTA BATTERY MANUFACTURING NORTH CAROLINA OCTOBER 2023 EXPANSION	LIBERTY	\$8 BILLION	3,000 JOBS
TOYOTA TSUSHO BATTERY WAREHOUSE	LIBERTY	\$7 MILLION	41 JOBS
WOLFSPEED CHIP FACTORY	SILER CITY	\$5 BILLION	4,600 JOBS
DEHN U.S. HEADQUARTERS	MOORESVILLE	\$38.6 MILLION	195 JOBS
KINGS MOUNTAIN LITHIUM MATERIALS PLANT	KINGS MOUNTAIN	\$124 MILLION	200 JOBS
LAWNDALE RECYCLING	LAWNDALE	\$19 MILLION	100 JOBS
LIVENT LITHIUM HYDROXIDE FACILITY	BESSEMER CITY	-	30 JOBS
CUMMINS-MERITOR EV COMPONENTS MANUFACTURING EXPANSION	FLETCHER	\$17 MILLION	40 JOBS
PARADIGM ENERGY AND STORAGE HEADQUARTERS	BURNSVILLE	\$175 MILLION	150 JOBS
ATOM POWER EXPANSION	HUNTERSVILLE	\$150 MILLION	170 JOBS
ATOM POWER MAY 2023 EXPANSION	HUNTERSVILLE	\$4.2 MILLION	205 JOBS
GREEN NEW ENERGY MATERIALS BATTERY SEPARATOR MANUFACTURING FACILITY	DENVER	\$140 MILLION	545 JOBS
ALPITRONIC HEADQUARTERS	CHARLOTTE	\$18.3 MILLION	300 JOBS
CELGARD BATTERY SEPARATOR MANUFACTURING FACILITY EXPANSION	CHARLOTTE	-	100 JOBS
SIEMENS ENERGY MECKLENBURG COUNTY EXPANSION	CHARLOTTE	\$149.8 MILLION	759 JOBS

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM REPORT, APRIL 2025

CLEAN ENERGY PROJECTS AT RISK IN NORTH CAROLINA BY SECTOR						
SECTOR	PROJECTS		JOBS		INVESTMENTS	
	#	%	#	%	#	%
BATTERIES	15	44.1%	8,167	46.6%	\$14.4 BILLION	69.9%
CLEAN	3	8.8%	445	2.5%	\$232.6	1.1%



TECHNOLOGY					MILLION	
ELECTRIC VEHICLES	10	29.4%	6,401	36.5%	\$5.4 BILLION	26.1%
GRID & TRANSMISSION	5	14.7%	1,594	9.1%	\$287.8 MILLION	1.4%
SOLAR	1	2.9%	908	5.2%	\$294 MILLION	1.4%

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM REPORT, APRIL 2025

SPOTLIGHT: NORTH CAROLINA CLEAN ENERGY PROJECTS AT RISK

Since the passage of the clean energy investments in 2022, companies have announced dozens of clean energy projects in North Carolina, creating over 17,000 jobs. Those investments and jobs are now at risk as some Washington Republicans advocate for a repeal of the tax credits that these businesses counted on when they invested in the state.

- EV manufacturing continues to grow in the Tar Heel State. Toyota [invested \\$13.9 billion](#) in its Liberty EV battery manufacturing facility, which [starts production in April 2025](#). The investment is more than 10 times more than what the company initially planned, with over \$10 billion in new funding announced since clean energy investments were passed. EV charging manufacturers are also flocking to the state. In February 2023, Kempower credited [clean energy investments](#) 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 an expected 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 clean energy investments were passed, [investing a total of \\$154 million](#) and [creating an expected 375 new jobs](#) with an average salary of \$92,000.
- North Carolina is also becoming a hub for transmission manufacturing. In October 2024, MetOx was selected to receive an \$80 million grant from the U.S. Department of Energy for [Project Arch](#), which will manufacture advanced transmission cable in Chatham County, expecting to support [over 300 jobs](#). Siemens Energy also announced a [\\$149.8 million investment to build large power transformers](#) in February 2024, creating an expected [475 manufacturing jobs](#) in Mecklenburg County and [84 new jobs](#) in Raleigh.
- Battery manufacturing is growing across the Tar Heel State. In August 2024, Natron Energy announced plans to build a [sodium-ion battery factory](#) in Edgecombe County to supply batteries for [EV fast chargers and microgrids](#). The project is expected to create [1,000 new jobs](#) and grow North Carolina's economy by [\\$3.4 billion](#) over 12 years. Dai Nippon also announced a \$233 million investment to build lithium-ion battery pouches in Linwood, [creating an expected 352 jobs](#) with an average annual salary higher than the county average. Forge Nano planned to invest \$165 million in Wake County, creating [204 battery manufacturing jobs](#) in Wake County, and Celgate announced an [expansion of its manufacturing site](#) in Charlotte, adding an expected 100 new jobs manufacturing battery separators.

SPOTLIGHT: CLEAN ENERGY JOBS ALREADY LOST OR AT RISK IN GOP DISTRICTS

The clean energy investments of 2022 spurred significant investment and job creation in North Carolina districts represented by Republican members of the House. These jobs and investments are now at risk:

- 21 of North Carolina's 34 projects are in Republican-held districts, representing over 61.8% of all projects in the state, \$18.5 billion in investment, and 12,303 jobs.
- **North Carolina's 5th Congressional District:** Represented by Rep. Virginia Foxx, this district has attracted one new clean energy project, generating 39 new jobs and \$13.8 million in investment.
- **North Carolina's 6th Congressional District:** Represented by Rep. Addison McDowell, this district has attracted two new clean energy projects, generating an expected 450 new jobs and \$109.6 million in investment.
- **North Carolina's 7th Congressional District:** Represented by Rep. David Rouzer, this district has attracted one new clean energy project, which is projected to create 1,200 new jobs and \$649.9 million in investment. Rep. Rouzer [voted against](#) clean energy investments.
- **North Carolina's 8th Congressional District:** Represented by Rep. Mark Harris, this district has attracted one new clean energy project, generating 352 new jobs and \$233 million in investment. Rep. Harris [called](#) to eliminate the U.S. Department of Energy, which is responsible for [allocating](#) over \$100 billion in clean energy investments.
- **North Carolina's 9th Congressional District:** Represented by Rep. Richard Hudson, this district has attracted seven new clean energy projects, which are expected to generate 8,388 new jobs and \$16.9 billion in investment. Rep. Hudson [voted against](#) clean energy investments, [claiming the legislation would](#) “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. Pat Harrigan, this district has attracted four new clean energy projects, generating 525 new jobs and \$181.6 million in investments. In February 2025, Albemarle Corp., a lithium miner, announced it was [delaying](#) new investments in its first Kings Mountain lithium mine in North Carolina. If completed, Kings Mountain was expected to create [over 200](#) full-time, highly skilled jobs in North Carolina's 10th Congressional District.
- **North Carolina's 11th Congressional District:** Represented by Rep. Chuck Edwards, this district has attracted two new clean energy projects, expected to generate 190 new jobs and \$192 million in investments. Rep. Edwards [opposed clean energy investments](#), criticizing the legislation's “\$400 billion to the extreme Green New Deal slush fund.”
- **North Carolina's 14th Congressional District:** Represented by Rep. Tim Moore, this district has attracted three new clean energy projects, which are expected to generate 1,159 new jobs and \$168.1 million in investment. Citing inflation rates, Moore [said](#) clean energy investments were “not working” and [even asked](#) Senator Ted Budd to focus on “problems created by [...] the so-called ‘Inflation Reduction Act.’”

SPOTLIGHT: CLEAN ENERGY JOBS IN NORTH CAROLINA'S DISADVANTAGED COMMUNITIES

Since the passage of clean energy investments, new clean energy projects have spurred economic growth in North Carolina's disadvantaged communities. These projects and jobs are now at risk if some Washington Republicans succeed in undermining them:

- 50.3% of new clean energy jobs (8,815), 73% of new clean energy investments (\$15.1 billion), and 50% of projects (17) in North Carolina are located in disadvantaged communities.
- Since clean energy investments were passed, Toyota has repeatedly expanded plans for its EV manufacturing facility in Liberty, North Carolina, where the median income is \$10,000 less than 200% of the federal poverty line. In August 2022, Toyota announced an [additional \\$2.5 billion investment](#), creating an expected 350 additional manufacturing jobs at the facility, and announced another \$8 billion investment in October 2023, supporting [a further 3,000 jobs](#). Now, the project is estimated to create [more than 5,000 jobs](#) that [pay an average salary of \\$62,234](#), which is over 60% higher than the average annual wage in Randolph County, where the plant is located.
- In April 2024, Boviet Solar announced it would [invest \\$294 million](#) to establish its first North American production facility in Greenville, Pitt County. The company expects to [hire 908 skilled workers at wages above the county average](#).

SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL NORTH CAROLINA

Since the passage of the clean energy investments, new clean energy projects have spurred economic growth in North Carolina's rural communities. These projects and jobs are now at risk under the Trump Administration and Congressional Republicans' agenda:

- 54.2% of new clean energy jobs (9,499 jobs), more than 83.7% of new clean energy investments (\$17.3 billion), and 32.4% of projects (11) in North Carolina are located in rural communities.
- In December 2023, Quantum Power announced it would invest [\\$19 million](#) to open a recycling facility in Cleveland County, which is 62% rural. The facility expects to create [34 new jobs](#) paying an average salary of \$51,636, higher than the county's average.
- Since clean energy investments were passed, Toyota has repeatedly expanded plans for its EV manufacturing facility in Liberty, Randolph County, which is 60.2% rural. In August 2022, Toyota announced an [additional \\$2.5 billion investment](#), expecting to create an additional 350 manufacturing jobs at the facility, and announced another \$8 billion investment in October 2023, supporting [another 3,000 jobs](#). Now, the project is estimated to create [more than 5,000 jobs](#) that [pay an average salary of \\$62,234](#), which is over 60% higher than the average annual wage in Randolph County. In February 2024, Fujihatsu Tech America, Inc., and Toyota Tsusho America, Inc. announced a [\\$60 million investment](#) to expand an EV battery manufacturing facility in Liberty. The facility expects to create 133 jobs, with an [average salary of \\$58,935, over \\$13,000 higher than the county's average salary](#).

- In May 2024, Green New Energy Materials announced a [\\$140 million investment](#) in a new lithium-ion battery separator manufacturing facility in Denver, Lincoln County, which is 73.7% rural. Once fully operational, the facility is expected to [employ 545 workers](#) at wages above the county average and is projected to grow North Carolina's economy by [\\$1.15 billion](#).