



# TENNESSEE

THE CLEAN ENERGY PLAN IS TURBOCHARGING TENNESSEE’S ECONOMY, POSITIONING IT AS AN EV BATTERY MANUFACTURING POWERHOUSE

Passing the clean energy plan has kicked America’s clean energy sector into high gear and in Tennessee, the state is becoming an electric vehicle (EV) battery manufacturing powerhouse. Tennessee ranks 10th in the nation for new clean energy projects, with 18 new projects announced since the clean energy plan’s passage spanning five sectors – batteries, clean tech, EVs, grid and transmission, and solar. Across the state, new clean energy projects have already spurred \$6.65 billion in investment and created or moved forward over 6,781 good-paying clean energy jobs. In Tennessee’s low-income communities, companies have announced \$2.72 billion in investment and the creation of 3,800 good-paying clean energy jobs, while Tennessee’s rural communities have seen five project announcements totaling \$656.7 million in investment and 341 jobs. The clean energy plan 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 TENNESSEE SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
<b>\$6.65 B</b> INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			<b>6,781</b> JOBS IN TENNESSEE
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
HITACHI ZOSEN HEADQUARTERS EXPANSION	KNOXVILLE	\$6.6 MILLION	90 JOBS
NOVONIX ANODE MATERIALS SYNTHETIC GRAPHITE ANODE FACILITY	CHATTANOOGA	\$1.027 BILLION	1,000 JOBS
PIEDMONT LITHIUM HYDROXIDE PLANT	ETOWAH	\$600 MILLION	120 JOBS
ULTIUM CELLS BATTERY PLANT EXPANSION	SPRING HILL	\$275 MILLION	400 JOBS
TRITIUM FACTORY EXPANSION	LEBANON	-	250 JOBS
TERREPOWER REMANUFACTURING FACILITY	SPARTA	-	-
DAEJIN EV BATTERY PLANT	CUMBERLAND CITY	\$10.2 MILLION	83 JOBS
DONGWHA ELECTROLYTE MANUFACTURING PLANT	CLARKSVILLE	\$70 MILLION	68 JOBS
LG CHEM CATHODE FACTORY	CLARKSVILLE	\$3 BILLION	850 JOBS

MICROVAST THERMALLY STABLE POLYARAMID SEPARATOR MANUFACTURING PLANT	CLARKSVILLE	\$504.5 MILLION	800 JOBS
ENCHEM BATTERY ELECTROLYTE MANUFACTURING FACILITY	BROWNSVILLE	\$152.5 MILLION	190 JOBS
6K UNIMELT® PLASMA PROCESSING PLANT	JACKSON	\$107 MILLION	150 JOBS
MSS STEEL TUBES FACILITY	MEMPHIS	\$6.8 MILLION	129 JOBS
MAGNA EV COMPONENTS TENNESSEE MANUFACTURING FACILITIES	STANTON & LAWRENCEBURG	\$790 MILLION	1,300 JOBS
HANON SYSTEMS LOUDON EV THERMAL MANAGEMENT MANUFACTURING FACILITY	LOUDON	\$170 MILLION	600 JOBS
UNITECH NORTH AMERICA BATTERY COMPRESSION PAD MANUFACTURING FACILITY	MORRISON	\$30 MILLION	75 JOBS
SHOALS TECHNOLOGIES GROUP MANUFACTURING AND DISTRIBUTION FACILITY EXPANSION	PORTLAND	\$80 MILLION	550 JOBS
BALTIMORE AIRCOIL HEAT PUMP COMPONENT MANUFACTURING EXPANSION	DAYTON	\$16.5 MILLION	-

SOURCE: CLIMATE POWER, STATE OF THE CLEAN ENERGY BOOM REPORT, MARCH 2024

**SPOTLIGHT: TENNESSEE CLEAN ENERGY PROJECTS**

Since the passage of the clean energy plan, clean energy projects in Tennessee have been able to move forward creating jobs and investing in the state’s clean energy economy:

- EV component suppliers are increasing their investments in Tennessee. In July 2023, Magna announced a \$790 million investment to open three new EV component manufacturing facilities in Tennessee. The three new facilities will create a total of 1,300 new jobs in Stanton and Lawrenceburg. In August 2023, Hanon Systems shared plans to open a \$170 million factory in Loudon to manufacture heating and ventilation components for EVs, creating 600 new jobs.
- Tennessee’s battery industry is also booming. Since the clean energy plan’s passage, NOVONIX Anode Materials announced a new battery plant project expected to cost upwards of \$1 billion and create 1,000 jobs, Daejin Advanced Materials announced a \$10.2 million investment in a new EV battery plant in Cumberland City, and battery manufacturer Ultium Cells announced a \$275 million expansion of its Spring Hill plant, creating 400 new jobs. LG Chem also announced plans to build a battery factory in Clarksville, creating 850 jobs. LG said it invested \$3 billion in Tennessee because of tax credits in the clean energy plan.



- Companies are also building essential transmission components in Tennessee. In February 2024, Shoals Technologies announced it would invest up to **\$80 million** in a new manufacturing and distribution facility in Portland, Tennessee. Shoals produces a range of products and services for the clean energy industry, and the expansion is set to **create 550 jobs**.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN TENNESSEE'S LOW-INCOME COMMUNITIES

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Since the passage of the clean energy plan, new clean energy projects have spurred economic growth in Tennessee low-income communities:

- 56.6% of new clean energy jobs, 40.9% of investments, and 66.7% of projects in Tennessee are located in low-income communities.
- Nationwide, Tennessee ranks 9th for the highest number of new clean energy jobs (3,800) and 13th for clean energy investments (\$2.72 billion) in low-income communities.
- In October 2022, NOVONIX announced they received a \$150 million Bipartisan Infrastructure Law grant that they would use to build an **Anode Materials synthetic graphite facility** in Chattanooga, TN. The company plans to invest \$877 million in the facility, creating **1,000 jobs**.
- In January 2024, Unitech announced it would invest **\$30 million** to open a manufacturing facility in Morrison, Tennessee. The facility will create **75 new jobs** producing thermal adhesives and battery compression pads for EV battery manufacturers in the Southeast.
- In October 2022, 6k announced it would build a **\$107 million plasma processing plant**. The company received a \$50 million Department of Energy grant for the project that was funded by the Bipartisan Infrastructure Law, with the company funding the remaining \$57 million. The plant will create **150 jobs**. In April 2023, 6k announced the facility would be located in **Jackson, Tennessee**.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL TENNESSEE

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Since the passage of the clean energy plan, new clean energy projects have spurred economic growth in Tennessee's rural communities:

- Five of Tennessee's 18 new clean energy projects are located in rural communities, representing \$656 million in investment and 341 jobs.
- In July 2023, Magna announced a **\$790 million investment** to open three new EV component manufacturing facilities in Tennessee. The new facilities will create **over 1,300 new jobs** in Lawrence County, which is 74% rural.
- In September 2022, Daejin Advanced Materials announced a **\$10.2 million investment** in a manufacturing and processing facility in Houston County, which is 100% rural. The facility will create **83 new jobs**.



- In September 2022, Piedmont Lithium shared plans to [invest \\$600 million](#) in a lithium hydroxide production operation in McMinn County, which is 62% rural. The facility will create nearly [120 manufacturing jobs](#).
- In June 2023, TerrePower announced the opening of its [solar panel remanufacturing facility](#) in White County, which is 79% rural.

## SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

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

- 16 of Tennessee's 18 projects are in Republican-held districts, representing 88% of all projects in the state, 88% of all new investments (\$5.85 billion), and 78.7% of new jobs (5,289).
- **Tennessee's 2nd Congressional District:** Represented by Rep. Tim Burchett, this district has two clean energy projects that are investing a total of \$176.6 million and creating 690 new jobs. Rep. Burchett [voted against](#) the clean energy plan and claimed the legislation [would increase](#) the national debt.
- **Tennessee's 3rd Congressional District:** Represented by Rep. Charles Fleischmann, this district has attracted two new clean energy projects, generating 1,120 new jobs and \$1.4 billion in investment. Rep. Fleischmann [voted against](#) the clean energy plan and [falsely claimed it would raise taxes](#).
- **Tennessee's 4th Congressional District:** Represented by Rep. Scott DesJarlais, this district has seen two new clean energy projects creating 138 new jobs and \$46.5 million in investment. Rep. DesJarlais [voted against](#) the clean energy plan and called the bill a "[reckless tax and spend spree](#)."
- **Tennessee's 5th Congressional District:** Rep. Andrew Ogles represents Tennessee's 5th Congressional District, where two clean energy projects are investing a total of \$275 million and creating 650 new jobs. Rep. Ogles [called the clean energy plan a "gross waste of taxpayer dollars."](#)
- **Tennessee's 6th Congressional District:** Represented by Rep. John Rose, this district has two new clean energy projects with \$80 million in investment and 550 new jobs. Rep. Rose [voted against](#) the clean energy plan, [calling the legislation a disastrous policy](#).
- **Tennessee's 7th Congressional District:** Represented by Rep. Mark Green, this district has attracted four new clean energy projects, generating 1,801 new jobs and \$3.5 billion in investment. Rep. Green [voted against](#) the clean energy plan and criticized the legislation for [taxing oil and gas](#).
- **Tennessee's 8th Congressional District:** Represented by Rep. David Kustoff, this district has attracted two new clean energy projects, generating 340 new jobs and over \$209 million in investments. Rep. Kustoff [voted against](#) the clean energy plan, [which he claimed would hurt energy producers and worsen inflation](#).



## SNAPSHOT: TENNESSEE'S CLEAN ENERGY ECONOMY

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Overall, Tennessee's clean energy economy is booming, with nearly 82,000 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 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.

