




TENNESSEE

THE INFLATION REDUCTION ACT IS TURBOCHARGING TENNESSEE'S ECONOMY, POSITIONING IT AS AN EV BATTERY MANUFACTURING POWERHOUSE

Passing the Inflation Reduction Act (IRA) 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 8th in the nation for new clean energy projects, with 15 new projects announced since the IRA's passage spanning four sectors – batteries, clean tech, EVs and solar. Across the state, new clean energy projects have already spurred \$6.72 billion in investment and created or moved forward over 6,030 good-paying clean energy jobs. In Tennessee's rural communities, companies have announced \$1.4 billion in investment and the creation of 1,503 good-paying clean energy jobs. 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 TENNESSEE SINCE THE PASSAGE OF THE IRA			
\$6.72 B INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			6,030 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

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

SPOTLIGHT: TENNESSEE CLEAN ENERGY PROJECTS

Since the passage of the IRA, clean energy projects in Tennessee moved 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.
- 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.
- Companies are also investing to create battery inputs in Tennessee. Following confirmation of the IRA’s tax credits for domestic production, Piedmont Lithium announced plans to invest \$600 million in a new lithium hydroxide plant. 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 the IRA’s tax credits.

SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL TENNESSEE

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

- Four of Tennessee’s 15 new clean energy projects are located in rural communities, representing \$1.4 billion in investment and 1,503 jobs.



- Nationally, Tennessee ranks 3rd for new clean energy projects, 9th for clean energy jobs, and 10th for new clean energy investments in rural communities.
- 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

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

- 13 of Tennessee's 15 projects are in Republican-held districts, representing 86% of all projects in the state, \$5.92 billion in investment and 4,601 jobs.
- **Tennessee's 2nd Congressional District:** Represented by Rep. Tim Burchett, this district has two clean energy projects that are investing a total of \$176 million and creating 690 new jobs. In August 2022, Rep. Burchett voted against the IRA, [tweeting, "You can't spend your way out of inflation."](#)
- **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 \$1.6 billion in investment. Rep. Fleischmann [opposed the IRA and falsely claimed it would raise taxes](#).
- **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. In August 2023, Rep. Ogles [called the IRA a "gross waste of taxpayer dollars."](#)
- **Tennessee's 6th Congressional District:** Represented by Rep. John Rose, this district has one new clean energy project. In August 2022, Rep. Rose voted against the IRA, [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 investments. Rep. Green voted against the IRA because the legislation [taxed oil and natural 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 \$259 million in investments. Rep. Kustoff voted against the IRA, **which he claimed would** hurt energy producers and worsen inflation.

SNAPSHOT: TENNESSEE'S CLEAN ENERGY ECONOMY

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 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.

