




ARIZONA

THE CLEAN ENERGY PLAN IS TURBOCHARGING ARIZONA’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, transforming Arizona into an electric vehicle battery manufacturing powerhouse. Across the state, climate and clean energy investments have already spurred **\$10.57 billion** in investment, the 11th highest in the nation, and created or moved forward **14,100** good-paying clean energy jobs, the eighth most in the country. Since the clean energy plan’s passage, **22** new clean energy projects have been announced or moved forward in Arizona, ranking **seventh** in the nation. Projects span four sectors – solar, batteries, electric vehicles, and electrical grid distribution and transmission. In Arizona’s low-income communities, companies have announced **\$3.1 billion** in investment and the creation of **2,195** good-paying clean energy jobs, while Arizona’s rural communities have seen project announcements totaling **\$1.7 billion** in investment and **500** 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 ARIZONA SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
\$10.57 B INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			14,100 JOBS IN ARIZONA
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
LG ENERGY SOLUTIONS GIGAFACTORY	QUEEN CREEK	\$5.6 BILLION	2,800 JOBS
KORE POWER GIGAFACTORY	BUCKEYE	\$1.25 BILLION	6,400 JOBS
HERITAGE BATTERY RECYCLING PROCESSING PLANT	ELOY	-	185 JOBS
MEYER BURGER SOLAR PANEL FACILITY	GOODYEAR	-	500 JOBS
AMERICAN BATTERY GIGAFACTORY	TUCSON	\$1.2 BILLION	1,000 JOBS
JA SOLAR MANUFACTURING FACILITY	PHOENIX	\$60 MILLION	600 JOBS
ECOBAT BATTERY RECYCLING FACILITY	CASA GRANDE	-	60 JOBS
SION POWER BATTERY	TUCSON	-	150 JOBS

MANUFACTURING EXPANSION			
EVELUTION ENERGY COBALT SULFATE PROCESSING FACILITY	YUMA	\$200 MILLION	360 JOBS
SUN STREAMS SOLAR AND STORAGE PROJECT	ARLINGTON	-	300 JOBS
TEN WEST LINK TRANSMISSION LINE	MARICOPA & LA PAZ COUNTY	-	365 JOBS
WE RECYCLE PV RECYCLING FACILITY	YUMA	-	-
EE NORTH AMERICA 2GW PIPELINE	-	-	-
CEMVITA PRODUCTION FACTORY	TEMPE	-	-
NEW EAST SOLAR MANUFACTURING FACILITY	PHOENIX	-	350 JOBS
HERMOSA PROJECT CRITICAL MINERALS DEVELOPMENT	PATAGONIA	\$1.7 BILLION	500 JOBS
AMPHENOL INDUSTRIAL OPERATIONS SOLAR MANUFACTURING FACILITY	MESA	-	50 JOBS
SOLARCYCLE MESA HEADQUARTERS	MESA	-	100 JOBS
SUN STREAMS 4	MARICOPA COUNTY	-	250 JOBS
LUCID AMP-1 EXPANSION	CASA GRANDE	-	-
MEYER BURGER SOLAR PANEL FACILITY EXPANSION	GOODYEAR	-	130 JOBS
SCATTER WASH BATTERY STORAGE COMPLEX	PHOENIX	\$559 MILLION	-

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

SPOTLIGHT: ARIZONA CLEAN ENERGY PROJECTS

Since the passage of the clean energy plan, clean energy projects in Arizona have moved forward, creating jobs and investing in the state’s clean energy economy:

- Arizona is an increasingly important hub for battery manufacturing. After [pausing its initial plan](#) to open a battery facility in Queen Creek, LG Energy Solutions (LGES) announced it would [invest \\$5.6 billion](#) in the gigafactory following the clean energy plan’s passage. [An LGES Executive said](#) the company was adjusting plans for the project to meet the growing demand for U.S.-made EV batteries that qualify for [the clean energy plan’s tax credits](#). American Battery Factory announced a [\\$1.2 billion investment](#) to build a lithium battery gigafactory in Tucson, which the company projects will [create 1,000 new jobs](#).



Cirba Solutions announced it would build a new lithium-ion battery recycling facility in Eloy, citing new incentives from the clean energy plan.

- Arizona ranks second in the nation for solar energy potential, and the industry is ramping up in the state. Longroad Energy is building two solar projects in Maricopa County, Sun Streams 3 and Sun Streams 4. Longroad's CEO said he believes the clean energy plan will enable future developments and benefit utilities and ratepayers. The projects are also benefitting union workers, with Sun Streams 4 employing registered operators and carpenter apprentices to benefit from additional tax credits under the clean energy plan.
- Solar manufacturing is also taking off in Arizona, as New East Solar announced it would create 300 jobs manufacturing solar panels in Phoenix thanks to the "catalyst" of the Biden Administration's clean energy plan. Meyer Burger first shared plans to build a solar manufacturing facility in 2021, but the plans stalled until the clean energy plan passed in August 2022, when the company confirmed plans to create 500 new solar manufacturing jobs in Goodyear to access expanded tax credits. In January 2024, Meyer Burger announced production would expand from 1.5 to 2 gigawatts at the facility, and the company would hire 130 more workers to meet the growing demand for U.S.-manufactured solar panels.

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

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

- 15.6% of new clean energy jobs, 29.3% of new investments, and 27.27 % of projects in Arizona are located in low-income communities.
- Nationwide, Arizona ranks 15th for the highest number of new clean energy jobs (2,195) and 12th for clean energy investments (\$3.1 billion) in low-income communities.
- Yuma County has the highest unemployment rate in the state of Arizona, with 14.8% of its residents unemployed as of October 2023. The county, located near the California-Arizona border, is heavily reliant on the agricultural industry, driving seasonal unemployment spikes. New clean energy investments are driving economic diversification and creating good-paying, permanent jobs in the county, where the median household income is \$48,790. For example, EValution Energy is investing \$200 million in a solar-powered cobalt sulfate production facility in Yuma County, the first in the U.S. Gil Michel-Garcia, EValution Energy's co-founder, said the clean energy plan was "critical" to accelerating the domestic battery supply chain. The new facility will create more than 360 jobs in the county, and EValution Energy is partnering with Arizona Western College to provide free worker training programs for the company's employees.
- American Battery Factory announced a \$1.2 billion investment to build a lithium battery gigafactory in Tucson, which the company projects will create 1,000 new jobs.



- In September 2022, Cirba Solutions announced it would build a new lithium-ion battery recycling facility in Arizona, citing [new incentives from the clean energy plan](#). The plant will create 75 temporary and [110 permanent jobs](#).

SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL ARIZONA

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

- Nationwide, Arizona ranks eighth for clean energy investments in rural communities, with \$1.7 billion in investment driving the creation of 500 new jobs.
- In May 2023, South32 announced that its Hermosa critical minerals development project was the first mining project added to the [FAST-41 process](#) by the United States Federal Permitting Improvement Steering Council. The FAST-41 process is intended to speed the permitting process for projects that would supply critical minerals needed for a low-carbon future. The Hermosa Project will employ [900 long-term employees](#), and South32 said it is committed to local hiring. In February 2024, South32 will invest [\\$2.16 billion](#) in the project. Patagonia is located in Santa Cruz County, which is 60% rural.

SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

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

- 10 of Arizona's total 22 new clean energy projects are in Republican-held districts, representing 45% of all projects in the state, 58.27% of all investment in the state (\$5.16 billion), and 32.55% of new jobs in the state (4,590).
- **Arizona's 5th Congressional District:** Rep. Andy Biggs represents Arizona's 5th Congressional District, where one new clean energy project invests \$5.6 billion and creates 2,800 jobs. Rep. Biggs [voted against](#) the clean energy plan and [wrongly claimed](#) it does not reduce inflation.
- **Arizona's 6th Congressional District:** Rep. Juan Ciscomani represents Arizona's 6th Congressional District, where three new clean energy projects are creating 245 jobs. Before assuming office, Rep. Ciscomani stated [he opposed](#) the landmark bill, [incorrectly claiming](#) it would raise taxes without helping inflation.
- **Arizona's 8th Congressional District:** Represented by Rep. Debbie Lesko, this district has attracted one new clean energy project with \$559 million in investment. Rep. Lesko [voted against](#) the clean energy plan, [naming the legislation](#) the "Inflation Expansion Act" that would make the lives of Americans worse.



→ **Arizona's 9th Congressional District:** Rep. Paul Gosar represents Arizona's 9th Congressional District, where five new clean energy projects are creating 1,545 jobs. Rep. Gosar **voted against** the clean energy plan, **claiming** it would increase taxes.

SNAPSHOT: ARIZONA'S CLEAN ENERGY ECONOMY

Overall, Arizona's clean energy economy is booming, with over 61,000 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.

