




ARIZONA

ENTERING 2025: ARIZONA IS BECOMING AN EV BATTERY MANUFACTURING POWERHOUSE

Since new clean energy investments were passed in 2022, America’s clean energy sector has kicked into high gear, transforming Arizona into an electric vehicle battery manufacturing powerhouse. Across the state, climate and clean energy investments have already spurred **\$12.75 billion** in investment, and created or moved forward **18,703** good-paying clean energy jobs, the **ninth**-most in the country. Since the clean energy plan’s passage, **30** new clean energy projects have been announced or moved forward in Arizona, ranking **eighth** in the nation. Projects span six sectors – batteries, clean technology, electric vehicles, grid & transmission, hydrogen, and solar.

In Arizona’s disadvantaged communities, companies have announced **\$4.4 billion** in investment and the creation of **3,319** good-paying clean energy jobs, while Arizona’s rural communities have seen project announcements totaling **\$2.2 billion** in investment and **1,562** 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			
\$12.75 B			18,703
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			JOBS IN ARIZONA
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
ARIZONA HYDROGEN	BUCKEYE	\$550 MILLION	2,040 JOBS
ARIZONA LITHIUM RESEARCH OPERATIONS FACILITY	TEMPE	-	20 JOBS
CARBONCAPTURE MANUFACTURING SITE	MESA	-	400 JOBS
FOXLINK ARIZONA GREEN ENERGY MANUFACTURING FACILITY EXPANSION	PHOENIX	\$20 MILLION	100 JOBS
LG ENERGY SOLUTIONS GIGAFACTORY	QUEEN CREEK	\$5.6 BILLION	3,650 JOBS
KOREPLEX GIGAFACTORY	BUCKEYE	\$1.25 BILLION	6,400 JOBS
HERITAGE BATTERY RECYCLING PROCESSING PLANT	ELOY	-	185 JOBS

MEYER BURGER SOLAR PANEL FACILITY	GOODYEAR	-	630 JOBS
AMERICAN BATTERY FACTORY 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 MANUFACTURING EXPANSION	TUCSON	-	150 JOBS
EVELUTION ENERGY COBALT SULFATE PROCESSING FACILITY	TACNA	\$200 MILLION	360 JOBS
SUN STREAMS 3 SOLAR AND STORAGE PROJECT	ARLINGTON	-	300 JOBS
TEN WEST LINK TRANSMISSION LINE	MARICOPA & LA PAZ COUNTY	-	365 JOBS
WE RECYCLE PV RECYCLING FACILITY	YUMA	-	-
CEMVITA FACTORY BIO-LIXIVIANT PRODUCTION FACILITY	TEMPE	-	-
NEW EAST SOLAR MANUFACTURING FACILITY	PHOENIX	-	350 JOBS
HERMOSA PROJECT CRITICAL MINERALS DEVELOPMENT	NOGALES	\$2.16 BILLION	1,100 JOBS
AMPHENOL INDUSTRIAL OPERATIONS SOLAR MANUFACTURING FACILITY	MESA	-	70 JOBS
SOLARCYCLE MESA HEADQUARTERS	MESA	-	100 JOBS
SUN STREAMS 4	TONOPAH	\$215.6 MILLION	250 JOBS
LUCID AMP-1 EXPANSION	CASA GRANDE	-	-
SCATTER WASH BATTERY STORAGE COMPLEX	PHOENIX	\$559 MILLION	-
MAGNA MESA MANUFACTURING FACILITY	MESA	-	19 JOBS
TERRALINE ENGINEERING HEADQUARTERS	PHOENIX	-	30 JOBS
FLATLAND ENERGY STORAGE PROJECT	COOLIDGE	\$271 MILLION	62 JOBS
VRB ENERGY BATTERY ASSEMBLY FACILITY	-	\$20 MILLION	-



HASHKNIFE SOLAR ENERGY CENTER	JOSEPH CITY	\$98 MILLION	462 JOBS
APACHE SOLAR II PROJECT	COCHISE COUNTY	\$550 MILLION	-

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

CLEAN ENERGY PROJECTS IN ARIZONA BY SECTOR						
SECTOR	PROJECTS		JOBS		INVESTMENTS	
	#	%	#	%	#	%
BATTERIES	13	43.3%	12,987	69%	\$11.26 BILLION	88.3%
CLEAN TECHNOLOGY	2	6.7%	500	2.6%	\$20 MILLION	0.2%
ELECTRIC VEHICLES	3	10%	49	0.2%	-	-
GRID & TRANSMISSION	1	3.3%	365	1.9%	-	-
HYDROGEN	1	3.3%	2,040	10.9%	\$550 MILLION	4.3%
SOLAR	10	33.3%	2,762	14.7%	\$923.6 MILLION	7.2%

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

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 passage of the clean energy plan. [LGES said](#) it was adjusting plans for the project in order to meet the growing demand for U.S.-made EV batteries that qualify for [the clean energy plan's tax credits](#). American Battery Factory also announced a [\\$1.2 billion investment](#) to build a lithium battery gigafactory in Tucson, which the company projects will [create 1,000 new jobs](#), and [Cirba Solutions announced](#) plans to 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 benefiting union workers, with Sun Streams 4 [employing registered operators and carpenter apprentices](#) in order



to benefit from additional incentives under the clean energy plan. In December 2024, Invenergy [broke ground](#) on the Hashknife Solar Center in Navajo County, which is expected to create [450 construction jobs](#) and a dozen permanent positions and will generate enough energy to power more than [110,000 homes](#) once operational.

- Solar manufacturing is also taking off in Arizona, with New East Solar announcing plans to create 300 jobs manufacturing solar panels in Phoenix thanks to the “[catalyst](#)” of the [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 it would expand [production 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 GOP DISTRICTS

Since the passage of the clean energy plan, new clean energy projects have created jobs and invested in Arizona districts represented by Republican members of the House:

- 17 of Arizona’s total 30 new clean energy projects are in Republican-held districts, representing 56% of all projects, 68% of all investments (\$8.7 billion), and 69% of new jobs in the state (12,978 jobs).
- **Arizona’s 2nd Congressional District:** Rep. Elijah Crane represents Arizona’s 2nd Congressional District, where two new clean energy projects expect to invest \$369 million and create 524 jobs.
- **Arizona’s 5th Congressional District:** Rep. Andy Biggs represents Arizona’s 5th Congressional District, where four new clean energy projects are expected to invest \$5.6 billion and create 4,169 jobs. Rep. Biggs [voted against](#) the clean energy plan and [wrongly claimed](#) it does not reduce inflation, yet he celebrated LG Energy Solutions’ [\\$5.6 billion investment](#) in his district, [calling](#) the project “fantastic news.”
- **Arizona’s 6th Congressional District:** Rep. Juan Ciscomani represents Arizona’s 6th Congressional District, where four new clean energy projects are expected to invest \$550 million and create 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. Abraham Hamadeh, this district has attracted two new clean energy projects and is expected to invest \$579 million and create 100 new jobs.
- **Arizona’s 9th Congressional District:** Rep. Paul Gosar represents Arizona’s 9th Congressional District, where five new clean energy projects are investing an expected \$1.67 billion and creating an expected 7,940 jobs. Rep. Gosar [voted against](#) the clean energy plan, [claiming](#) it would increase taxes.

SPOTLIGHT: CLEAN ENERGY JOBS IN ARIZONA'S DISADVANTAGED COMMUNITIES

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

- 17% of new clean energy jobs (3,319 jobs), 35% of new investments (\$4.4 billion), and 30% of projects (nine) in Arizona are located in disadvantaged communities.
- Yuma County has the highest unemployment rate in the state of Arizona, with [13.6% of its residents unemployed](#) as of November 2024. The county, located near the California-Arizona border, is heavily reliant on the agricultural industry, driving [seasonal unemployment](#) spikes. New clean energy investments are diversifying the economy and creating good-paying, permanent jobs in the county, where the [median household income](#) is \$62,888. EVELution Energy is [investing](#) \$200 million in a solar-powered cobalt sulfate production facility in Yuma County, the first in the U.S., creating more than 360 jobs. The company is [partnering with Arizona Western College](#) to train workers for the facility, and EVELution Energy's co-founder said the clean energy plan was ["critical" to accelerating the domestic battery supply chain](#).
- In October 2023, American Battery Factory broke ground on its [\\$1.2 billion gigafactory](#) for lithium battery manufacturing in Tucson, expecting to [create 1,000 new jobs](#) and have an overall economic impact of [over \\$3.1 billion](#).
- In September 2022, Cirba Solutions announced it would build a new lithium-ion battery recycling facility in Eloy, citing [new incentives from the clean energy plan](#). The plant is expected to create [185 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 seventh for clean energy investments in rural communities, with \$2.2 billion in investment driving the creation of 1,562 new jobs.
- In February 2024, South32 announced plans to invest [\\$2.16 billion](#) in the Hermosa critical minerals development project in Santa Cruz County. The Hermosa Project will employ [900 long-term employees](#), and South32 said it is committed to local hiring. In April 2024, South32 announced it would establish a remote operations center for the project in Nogales that would create [200 additional jobs and support local workforce training programs](#). Santa Cruz County is 60% rural.
- In December 2024, Invenergy broke ground on the Hashknife Solar Center in Navajo County, Arizona, which is 64.25% rural. The Hashknife Solar Center is expected to create [450 jobs during construction](#) and support a dozen permanent positions once operational in 2027. The facility is also expected to generate enough [electricity for more than 110,000 homes](#).

