




ARIZONA

TWO YEARS OF THE CLEAN ENERGY PLAN: ARIZONA IS BECOMING AN EV BATTERY MANUFACTURING POWERHOUSE

Two years after the passage of the clean energy plan, 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 **\$11.81 billion** in investment, the 10th highest in the nation, and created or moved forward **18,130** good-paying clean energy jobs, the seventh most in the country. Since the clean energy plan’s passage, **24** new clean energy projects have been announced or moved forward in Arizona, ranking **ninth** in the nation. Projects span six sectors – solar, batteries, electric vehicles, hydrogen, grid and transmission, and other clean technologies. In Arizona’s low-income communities, companies have announced **\$3.56 billion** in investment and the creation of **2,795** good-paying clean energy jobs, while Arizona’s rural communities have seen project announcements totaling **\$2.16 billion** in investment and **1,100** 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			
\$11.81 B INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			18,130 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
KORE POWER 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 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	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	-	-
CEMVITA FACTORY BIO-LIXIVIANT PRODUCTION FACILITY	TEMPE	-	-
NEW EAST SOLAR MANUFACTURING FACILITY	PHOENIX	-	350 JOBS
HERMOSA PROJECT CRITICAL MINERALS DEVELOPMENT	PATAGONIA	\$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	-

SOURCE: CLIMATE POWER, 2-YEAR ANNIVERSARY CLEAN ENERGY BOOM REPORT, AUGUST 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 fast becoming a hub for battery manufacturing. After [pausing initial plans](#) 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 the project to meet growing demand for Made in America 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, creating 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. In March 2024, KORE Power received final approval for its \$1.25 billion KOREplex Gigafactory, which the president and CEO of the Buckeye Valley Chamber of Commerce said represented "a return of good paying jobs."

- 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 to benefit from additional tax credits under the clean energy plan.
- Solar manufacturing is also taking off in Arizona. New East Solar announced it would create 350 jobs manufacturing solar panels in Phoenix thanks to the "catalyst" of the Biden Administration's clean energy plan. Following the passage of the clean energy plan, Meyer Burger relaunched its plans for a solar manufacturing facility, which stalled in 2021. Meyer Burger plans to create 630 new solar manufacturing jobs at the Goodyear facility to access the expanded tax credits. In January 2024, the company announced it would expand production at the facility from 1.5 to 2 gigawatts and hire 130 more workers to meet the growing demand for Made in America solar panels.
- Arizona is also seeing major investments in other clean technologies. In May 2024, Fortescue broke ground on a \$550 million green hydrogen production facility in Buckeye. The project was expected to bring 2,040 clean energy jobs and generate \$31.7 million in income and sales taxes for state and local governments.

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:

- 15.4% of new clean energy jobs, 30.1% of new investments, and 25% of projects in Arizona are located in low-income communities.
- Yuma County has the highest unemployment rate in the state of Arizona, with 12.7% of its residents unemployed as of June 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 \$53,994. EValution 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 EValution 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, [creating 1,000 new jobs](#) and having 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 will create [175 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 9th for clean energy investments in rural communities, with \$2.1 billion in investment driving the creation of 1,100 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.

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:

- 13 of Arizona's total 24 new clean energy projects are in Republican-held districts, representing 54.2% of all projects, 66.4% of all investments (\$7.8 billion), and 68.6% of new jobs in the state (12,435).
- **Arizona's 5th Congressional District:** Rep. Andy Biggs represents Arizona's 5th Congressional District, where three new clean energy projects invest \$5.6 billion and create 4,150 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 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 two new clean energy projects totaling \$579 million in investment and 100 new jobs. Rep. Lesko **voted against** the clean energy plan, **naming the landmark legislation** the “Inflation Expansion Act.”
- **Arizona’s 9th Congressional District:** Rep. Paul Gosar represents Arizona’s 9th Congressional District, where five new clean energy projects are investing \$1.67 billion and creating 7,940 jobs. Rep. Gosar **voted against** the clean energy plan, **claiming** it would increase taxes.

SNAPSHOT: ARIZONA’S CLEAN ENERGY ECONOMY

These new jobs build on an already thriving clean energy economy in Arizona, with over 61,000 jobs across the state as of 2022. This includes 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.

