



NEVADA

TWO YEARS OF THE CLEAN ENERGY PLAN: SOLIDIFYING NEVADA’S STATUS AS A SOLAR & BATTERY MANUFACTURING POWERHOUSE

Two years after the passage of the clean energy plan, America’s clean energy sector has kicked into high gear, transforming Nevada into a powerhouse for solar and battery manufacturing. Across the state, new clean energy projects have already spurred **\$14.5 billion** in investment, the eighth highest in the nation, and created or moved forward **20,448** good-paying clean energy jobs, the sixth most in the country. Since the passage of the clean energy plan, **17** new clean energy projects have been announced or moved forward in Nevada. Projects span five sectors – solar, electric vehicles, clean technologies, batteries, and electric grid and transmission.

In Nevada’s low-income communities, companies have announced \$1.53 billion in investment and the creation of 1,050 good-paying clean energy jobs, while Nevada’s rural communities have seen project announcements totaling \$17 million in investment and 950 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 NEVADA SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
\$14.5 B		20,448	
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS		JOBS IN NEVADA	JOBS PROJECTED IN THE NEXT 10 YEARS
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
GRAPHJET TECHNOLOGY GRAPHITE PRODUCTION FACILITY	-	\$200 MILLION	500 JOBS
URBAN MOBILITY SYSTEMS HEAVY-DUTY BATTERY ELECTRIC DRIVE TRAINS MANUFACTURING FACILITY	-	-	350 JOBS
NEXTRACKER LAS VEGAS MANUFACTURING FACILITY	LAS VEGAS	-	200 JOBS
NEVADA GIGATORY EXPANSION	SPARKS	\$3.6 BILLION	6,500 JOBS
LILAC SOLUTIONS LITHIUM MANUFACTURING FACILITY	FERNLEY	\$129.3 MILLION	250 JOBS
ABTC LARGE-SCALE MANUFACTURING	TONOPAH	\$983 MILLION	150 JOBS

DEMONSTRATION FACILITY			
RHYOLITE RIDGE LITHIUM-BORON PROJECT	DYER	-	900 JOBS
REDWOOD MATERIALS MCCARRAN CAMPUS	MCCARRAN	\$3.5 BILLION	5,000 JOBS
THACKER PASS MINE	HUMBOLDT COUNTY	\$2.93 BILLION	2,160 JOBS
GREENLINK WEST TRANSMISSION	CLARK, ESMERALDA, LYON, MINERAL, NYE & STOREY COUNTIES	\$2.5 BILLION	4,000 JOBS
AQUA METALS BATTERY MATERIALS TAHOE-RENO RECYCLING CAMPUS	RENO	-	-
UNIMACTS SOLAR MANUFACTURING EXPANSION	LAS VEGAS	-	80 JOBS
BONNIE CLAIRE LITHIUM PROJECT	BONNIE CLAIRE	\$547 MILLION	-
AQUA METALS STOREY COUNTY BATTERY RECYCLING EXPANSION	EAST RENO	\$17 MILLION	50 JOBS
EDGEWOOD RENEWABLES SUSTAINABLE AVIATION FUEL FACILITY	NORTH LAS VEGAS	\$96 MILLION	70 JOBS
SOLARLINK PANEL FACTORY	NORTH LAS VEGAS	-	150 JOBS
RECHARGEABLE POWER SAFE BATTERY SERVICE CENTER	LAS VEGAS	-	88 JOBS

SOURCE: CLIMATE POWER, 2-YEAR ANNIVERSARY CLEAN ENERGY BOOM REPORT, AUGUST 2024

SPOTLIGHT: NEVADA CLEAN ENERGY PROJECTS

Since the passage of the clean energy plan, clean energy projects in Nevada are creating local jobs and investing in the state’s clean energy economy:

- Nevada is a hub for battery manufacturing and lithium refining. On February 9, 2023, the [Department of Energy announced](#) a \$2 billion loan commitment to Redwood Materials to build and expand a [\\$3.5 billion](#) battery materials campus in McCarran. The project will create 3,400 good-paying union construction jobs and employ approximately 1,600 full-time employees, including labor, technical staff, and on-site management. In addition, Redwood Materials [will rely on](#) a construction workforce comprised of union, minority, and/or woman-owned business enterprises. In June 2024, [Urban Mobility Systems announced](#) it would open a manufacturing and development center in Nevada to develop battery electric fuel cells and drive trains for heavy-duty on- and off-road vehicles.
- The Department of Energy funded several projects to help Nevada achieve its goal of becoming the [“Silicon Valley of lithium.”](#) A \$50 million Bipartisan Infrastructure Law grant



was awarded to [Lilac Solutions](#) for a facility that will create 250 new jobs and invest a total of \$179 million. American Battery Technology Company also received a grant to expand its lithium project in Nye County, [creating 150 new jobs](#). Other parts of the battery supply chain are growing in Nevada, with Rechargeable Power announcing an expansion of its Clark County [lithium battery service center](#), creating 88 new jobs with above-average wages.

- After the passage of the clean energy plan, [Tesla announced](#) it was resuming the five-year-delayed expansion of its Nevada Gigafactory. The [\\$3.6 billion expansion](#), which will enable the production of 105 GWh of battery cells and over 150 GWh of battery packs annually, is expected to create 6,500 new jobs.
- Solar manufacturing is also growing in Nevada. In August 2023, Unimacts announced it hired [80 new employees](#) at its Las Vegas manufacturing facility, which produces components to enable solar panel rotation. [Unimacts' CEO said](#) the company would not have expanded without the Inflation Reduction Act's incentives.

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

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

- 17.6% of new clean energy projects in Nevada are located in low-income communities, spurring \$1.53 billion in investment and the creation of 1,050 new jobs.
- In October 2022, ABTC received a \$57 million [Bipartisan Infrastructure Law](#) grant to support its \$58 million investment in opening a lithium hydroxide manufacturing project in Tonopah, which will create [150 new jobs](#).
- In December 2022, the Rhyolite Ridge Lithium-Boron project in Esmeralda County [advanced into the final stages of the permitting process](#) and, thanks to the Bipartisan Infrastructure Law, secured a [\\$700 million loan from the Department of Energy](#) in January 2023. The facility is expected to create up to [900 jobs](#).

SPOTLIGHT: CLEAN ENERGY JOBS IN NEVADA'S RURAL COMMUNITIES

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

- Over 4.6% of new clean energy jobs (950) and 11.7% of projects in Nevada are located in rural communities.
- In December 2022, the Rhyolite Ridge Lithium-Boron project advanced into the final stages of the permitting process and, thanks to the [Bipartisan Infrastructure Law](#), secured a \$700 million loan from the Department of Energy in January 2023. The project will create 600

construction jobs and up to 300 permanent operations jobs in Esmeralda County, which is 100% rural.

- In January 2024, Aqua Metals announced a **\$17 million expansion** at its Storey County battery recycling facility, which will create 50 jobs. Storey County is 89% 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 Nevada districts represented by Republican members of the House:

- Six of Nevada’s 17 projects are in Republican-held districts, representing 35% of all projects in the state, \$10.2 billion in investment, and 13,960 new jobs.
- **Nevada’s 2nd Congressional District:** Rep. Mark Amodei represents this GOP-represented district, which has attracted six new clean energy projects, generating 13,960 new jobs and more than \$10 billion in investment. NV-02 has the second-highest number of clean energy jobs and the sixth-highest investment in the nation. Rep. Amodei **voted against** the clean energy plan and **criticized** the legislation because its benefits “don’t outweigh the negative stuff.”

SNAPSHOT: NEVADA’S CLEAN ENERGY ECONOMY

These new jobs build on an already thriving clean energy economy in Nevada, with more than 33,000 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.

