



# NEVADA

THE CLEAN ENERGY PLAN IS TURBOCHARGING NEVADA’S ECONOMY, POSITIONING IT AS A SOLAR & BATTERY MANUFACTURING POWERHOUSE

The clean energy plan has kicked America’s clean energy sector into high gear, transforming Nevada into a solar and battery manufacturing powerhouse. Across the state, new clean energy projects have already spurred **\$12.2 billion** in investment, the ninth highest in the nation, and created or moved forward **15,938** good-paying clean energy jobs, the seventh most in the country. Since the passage of the clean energy plan, **15** new clean energy projects have been announced or moved forward in Nevada. Projects span four sectors – solar, clean technologies, batteries, and electric grid and transmission. In Nevada’s low-income communities, companies have announced \$604.75 million in investment and the creation of 1,050 good-paying clean energy jobs, while Nevada’s rural communities have seen project announcements totaling \$1.12 billion in investment and 1,650 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			
<b>\$12.2 B</b> INVESTMENTS IN NEW CLEAN ENERGY PROJECTS		<b>15,938</b> JOBS IN NEVADA	
			<b>40,000</b> JOBS <b>PROJECTED</b> IN THE NEXT 10 YEARS
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
NV GIGATORY EXPANSION	SPARKS	\$3.6 BILLION	3,000 JOBS
LILAC SOLUTIONS LITHIUM MANUFACTURING FACILITY	FERNLEY	\$179 MILLION	250 JOBS
ABTC LARGE-SCALE MANUFACTURING DEMONSTRATION FACILITY	TONOPAH	\$115 MILLION	150 JOBS
RHYOLITE RIDGE LITHIUM-BORON PROJECT	ESMERALDA COUNTY	-	900 JOBS
REDWOOD MATERIALS MCCARRAN CAMPUS	MCCARRAN	\$3.5 BILLION	5,000 JOBS
THACKER PASS MINE	HUMBOLDT COUNTY	\$650 MILLION	1,500 JOBS
REDWOOD MATERIALS STOREY CAMPUS	RENO	\$1.1 BILLION	700 JOBS
GREENLINK WEST	CLARK, ESMERALDA,	\$2.5 BILLION	4,000 JOBS

TRANSMISSION	LYON, MINERAL, NYE & STOREY COUNTIES		
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	STOREY COUNTY	\$17 MILLION	50 JOBS
EDGEWOOD RENEWABLES SUSTAINABLE AVIATION FUEL FACILITY	CLARK COUNTY	\$96 MILLION	60 JOBS
SOLARLINK PANEL FACTORY	NORTH LAS VEGAS	-	150 JOBS
RECHARGEABLE POWER SAFE BATTERY SERVICE CENTER	LAS VEGAS	-	88 JOBS

SOURCE: CLIMATE POWER, STATE OF THE CLEAN ENERGY BOOM REPORT, MARCH 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.
- Redwood Materials is turning the Reno area into a hub for battery recycling. In February 2023, Redwood Materials received a [\\$2 billion loan commitment](#) from the Department of Energy to build and expand a battery materials campus in McCarran, Nevada. The facility will create approximately 3,400 good-paying construction jobs and employ [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 the project's construction. The new facility follows Redwood’s November 2022 [expansion](#) of its Storey County Campus anode and cathode battery manufacturing facility. The \$1.1 billion expansion will create [700 new jobs](#).
- The Department of Energy funded several projects to help Nevada achieve its goal of becoming the [“Silicon Valley of lithium.”](#) As part of these grants, [Lilac Solutions](#)



received a \$50 million Bipartisan Infrastructure Law grant for a project that will create 250 new jobs and invest a total of \$179 million in the state. 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, Nevada, lithium battery service center, creating 88 new jobs with an average wage of \$28.50.

- After the passage of the clean energy plan, Tesla announced it was resuming an expansion of its Nevada Gigafactory, which had been delayed for five years. 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 3,000 new jobs in the state.
- 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

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

- 20% of new clean energy projects in Nevada are located in low-income communities, spurring \$604 million in investments and the creation of 1,050 new jobs.
- In October 2022, ABTC received a \$57 million Bipartisan Infrastructure Law grant on top of its \$58 million investment to open a lithium hydroxide manufacturing project in Tonopah, creating 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. More recent projections place the number of jobs created by the project at 600 construction jobs and 250 to 300 permanent operations jobs.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN NEVADA'S RURAL COMMUNITIES

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

- Over 10% of new clean energy jobs (1,650) and 20% of projects in Nevada are located in rural communities.
- Nationwide, Nevada ranks 12th for both the number of new clean energy jobs (1,650) and the amount of clean energy investments (\$1.12 billion) in rural communities.
- Redwood Materials is investing billions in rural Nevada. Redwood Materials invested \$1.1 billion to expand its campus in Storey County, which is 89% rural, where it produces anodes and cathodes, which will create 700 new jobs.



- 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 250 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, creating 50 jobs. Storey County is 89% rural.

## SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

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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 14 projects are in Republican-held districts, representing 43% of all projects in the state, \$8.98 billion in investment, and 10,450 new jobs.
- **Nevada’s 2nd Congressional District:** Represented by Rep. Mark Amodei, this is the GOP-represented district with the highest number of clean energy jobs. Overall, Nevada’s 2nd district ranks 3rd in the nation for jobs and 6th overall for investment. This district has attracted six new clean energy projects, generating 10,450 new jobs and more than \$9 billion in investments. Rep. Amodei [voted against](#) the clean energy plan, [arguing that the legislation prioritizes climate initiatives](#) over traditional energy sources during historic inflation and that “the sad truth is that our country is amid a recession, and this bill will only deepen our country’s economic troubles.”

## SNAPSHOT: NEVADA’S CLEAN ENERGY ECONOMY

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Overall, Nevada’s clean energy economy is booming, with more than 33,000 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.

