



# NEVADA

THE INFLATION REDUCTION ACT IS TURBOCHARGING NEVADA'S ECONOMY, POSITIONING IT AS A SOLAR & BATTERY MANUFACTURING POWERHOUSE

Passing the Inflation Reduction Act (IRA) 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 \$12.19 billion in investment, the 6th highest in the nation, and created or moved forward 15,580 good-paying clean energy jobs, the 5th most in the country. Since the IRA's passage, 11 new clean energy projects have been announced or moved forward in Nevada. Projects span three sectors, including solar, batteries, and electric grid and transmission. In Nevada's rural communities, companies have announced \$3.6 billion in investment and the creation of 5,600 good-paying clean energy jobs. The IRA 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 IRA			
<b>\$12.19 B</b> INVESTMENTS IN NEW CLEAN ENERGY PROJECTS		<b>15,580</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 TRANSMISSION	CLARK, ESMERELDA, LYON, MINERAL, NYE, AND STOREY COUNTY	\$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	-

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM 200K REPORT, NOVEMBER 2023

SPOTLIGHT: NEVADA CLEAN ENERGY PROJECTS

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Since the passage of the IRA, clean energy projects in Nevada were able to move forward creating 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.
- 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.
- In November 2022, [Redwood Materials received](#) the final tax credits for the [planned expansion](#) of its Storey County Campus anode and cathode battery manufacturing facility. The \$1.1 billion expansion is expected to create [700 new jobs](#).
- After the passage of the IRA, [Tesla announced](#) it was resuming an expansion of its Nevada Gigafactory it had delayed for five years. The [\\$3.6 billion expansion](#), which will enable the production of 105 GWh of battery cell production 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 RURAL NEVADA

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

- 35% of new clean energy jobs and 27% of projects in Nevada are located in rural communities.



- Nationwide, Nevada ranks 1st for the highest number of new clean energy jobs (5,600) and 2nd for clean energy investments (\$3.6 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 May 2023, the Interior Department **advanced the permitting process** for the Greenlink West transmission line, which would provide additional capacity for renewable energy capacity in Nevada. The project is projected to create more than **4,000 good paying construction jobs** in counties including Esmeralda, 100% rural, and Storey, 89% rural.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

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

- Six of Nevada's 11 projects are in Republican-held districts, representing 54% of all projects in the state, \$9.02 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. NV-2 is also tied for the GOP district with the highest number of new clean energy projects since the passage of the IRA. The 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 IRA, **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 IRA will continue to reshape and recharge our economy for many decades to come. The Made in America clean energy boom is just getting started.

2022: CLEAN ENERGY JOBS IN NEVADA

**33,304**

TOTAL CLEAN ENERGY JOBS  
(2022)



**3.1%**

GROWTH RATE  
(2021-2022)

