



NEVADA

THE INFLATION REDUCTION ACT IS TURBOCHARGING NEVADA’S ECONOMY, POSITIONING IT AS A SOLAR & CLEAN ENERGY MINERALS PRODUCTION POWERHOUSE

Passing the Inflation Reduction Act (IRA) has kicked America’s clean energy sector into high gear and in Nevada, that means the state is becoming a battery manufacturing and clean energy materials production powerhouse. Across the state, new clean energy projects have already spurred more than \$9.14 billion in investment, the 10th highest, and created or moved forward with 11,500 good-paying clean energy jobs, the 7th highest in the country. Nevada is also home to the congressional district (NV-2) with the second highest number of new clean energy jobs (10,450) and fourth largest investment (\$9.02 billion) announced since the Clean Energy Plan was passed. 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			
\$9.14 B	11,500	40,000	
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS	JOBS IN NEVADA	JOBS PROJECTED IN THE NEXT 10 YEARS	
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
NV GIGATORY EXPANSION	SPARKS	\$3.6 BILLION	3,000 JOBS
LILAC LITHIUM PROCESSING FACILITY	FERNLEY	\$179 MILLION	250 JOBS
ABTC LARGE-SCALE MANUFACTURING DEMONSTRATION FACILITY	TONOPAH	\$115 MILLION	150 JOBS
RHYOLITE RIDGE LITHIUM-BORON PROJECT	ESMERALDA	-	900 JOBS
REDWOOD MATERIALS MCCARRAN CAMPUS	MCCARRAN	\$3.5 BILLION	5,000 JOBS
THACKER PASS MINE	HUMBOLDT	\$650 MILLION	1,500 JOBS
REDWOOD MATERIALS STOREY CAMPUS	RENO	\$1.1 BILLION	700 JOBS

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM ANNIVERSARY REPORT, JULY 2023

SPOTLIGHT: NEVADA CLEAN ENERGY PROJECTS

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:

- 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 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**.
- 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.
- 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.

SNAPSHOT: NEVADA’S CLEAN ENERGY ECONOMY

Overall, Nevada’s clean energy economy is booming with more than 32,000 jobs across the state as of 2022, 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		
32,378	1,221	3.8%
TOTAL CLEAN ENERGY JOBS (2021)	RURAL CLEAN ENERGY JOBS (2020)	GROWTH RATE (2020-2021)

