



Nevada Clean Energy Plan Benefits

Nevada faces dire consequences from climate change, including extreme heat, drought, and wildfires. Federal climate action, including funding from the Inflation Reduction Act (IRA) and Bipartisan Infrastructure Law (BIL), is helping Nevada minimize these impacts and prepare for a clean energy future. The majority (59%) of Nevada voters [support](#) the Clean Energy Plan after learning more about its policies, and as of December 2023, Nevada has [received](#) over \$1.4 billion in funding from the Clean Energy Plan. Clean energy investments have already [created](#) 15,580 good-paying clean energy jobs and expanded opportunities for households to save money in the Silver State. Funding is currently going to local communities across the state to promote drought and climate resiliency, reduce pollution, and advance climate-smart agriculture.

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Key Talking Points:

- New clean energy projects announced since the Inflation Reduction Act passed have spurred [\\$12.19 billion](#) in new investment and helped create or move forward over 15,580 good-paying clean energy jobs.
 - Rep. Mark Amodei's (NV-2) district [benefited](#) from new clean energy projects and is the GOP-represented district with the highest number of clean energy jobs, yet [voted against](#) the Inflation Reduction Act in August 2022.
- The Inflation Reduction Act includes \$4 billion for the U.S. Bureau of Reclamation, which will help Nevada and other Colorado River basin states [mitigate](#) climate-driven drought. Thanks to this funding, the U.S. Bureau of Reclamation

[created](#) a Lower Colorado River Basin System Conservation and Efficiency Program to improve and protect the long-term sustainability of the Colorado River.

- This funding will benefit Nevada greatly, given Las Vegas [relies](#) on the Colorado River for 90% of its water supply.
- In November 2023, one farm in Nevada was [awarded](#) Rural Energy for America Program (REAP) grants, which received a \$2 billion boost through the Inflation Reduction Act.
 - The Golconda Butte Farms Inc. in Nevada's 2nd Congressional District, represented by Rep. Mark Amodei who [voted against](#) the Inflation Reduction Act, received a REAP grant.

Nevadans Are Benefitting From The Clean Energy Plan's Funding For Energy Efficiency:

- [New rebates](#) of 50 to 100% on new energy-efficient electric appliances will help Nevada families save on their energy bills.
- According to the U.S. Department of Energy, families who install an efficient electric heat pump for heating and cooling can [receive](#) a [tax credit](#) of up to \$2,000 and save [an average of over \\$500](#) per year on energy bills. Families who make other energy efficiency improvements can [receive tax credits](#) worth up to \$500 for doors, \$600 for windows, \$150 for a [home energy audit](#), and up to 30% off the cost of new insulation — a total of up to \$1,200 per year in tax credits.
- In November 2022, the Biden administration [announced](#) Nevada would receive over \$96 million for consumer home energy rebate programs under the Inflation Reduction Act. This funding will [help](#) low-income households in Nevada save an average of 28% on their home energy bills when they upgrade their appliances and improve energy efficiency.
- Families who install [rooftop solar or battery storage](#) in their homes can save up to 30% of the cost of installation via a [tax credit](#) and save nearly [\\$400](#) per year on their energy bills. These new tax credits will allow more than [75,000](#) Nevada households to install rooftop solar panels and lower their utility bills.
- The Inflation Reduction Act includes grants for state and local governments to adopt the latest building energy codes, [saving](#) the average new homeowner in Nevada 9.7% on their utility bills, or \$181 annually.
- As part of the Inflation Reduction Act, the Department of Energy's Office of State and Community Energy Programs has up to \$225 million to grant to Tribal governments and Alaska Native entities for Home Electrification and Appliance Rebates. Through the Tribal Home Electrification and Appliance Rebates Program, 17 tribes in Nevada [received](#) over \$5.5 million in funding for energy efficiency and

electrification home upgrades, which will help households reduce energy bills and improve indoor air quality.

- Drivers who buy qualifying clean vehicles can [receive](#) a tax credit of up to \$7,500 for a new vehicle and up to \$4,000 for a used vehicle.
- As part of the Bipartisan Infrastructure Law, the National Electric Vehicle Infrastructure (NEVI) program [received](#) a total of \$5 billion to strategically deploy EV charging infrastructure. Under the NEVI Program, Nevada will have an [estimated](#) \$37.9 million in total funding over five years.

The Clean Energy Plan Is Spearheading New Clean Energy Investments In Nevada:

- The Inflation Reduction Act is projected to bring over [\\$2.7 billion](#) of new investment in large-scale clean power generation and energy storage to Nevada by 2030, supporting the 32,000 clean energy workers in the state.
- New clean energy projects announced since the Inflation Reduction Act passed have spurred [\\$12.19 billion](#) in new investment and helped create or move forward over 15,580 good-paying clean energy jobs.
- New solar and wind energy investments will help reduce energy costs in Nevada, as the costs of solar and wind power in the state are projected to drop by [22% and 35%](#), respectively, over the next 30 years.

Nevadans Are Benefiting From The Clean Energy Plan's Funding In Sustainable and Resilient Infrastructure:

- Funded by the Bipartisan Infrastructure Law, five projects in Nevada [received](#) over \$103 million from the Rebuilding America Infrastructure with Sustainability and Equity (RAISE) program.
 - In 2023, three projects in Nevada [received](#) over \$54 million in funding from the RAISE program.
 - The Regional Transportation Commission of Washoe County [received](#) \$25 million to fund the reconstruction and improved resiliency of approximately 3.7 miles of Lemmon Drive between Fleetwood Drive and Ramsey Way.
 - Ely [received](#) \$24 million to fund improvements to its downtown, including the reconstruction of US-50/West Aultman Street from 1st Street to Bell Avenue and US-93/East Aultman Street from East 10th Street to East 15th Street.
 - Clark County [received](#) \$5.9 million to fund the planning of an approximately 17-mile high-capacity transit line along Charleston

Boulevard between Pavilion Center Drive in Summerlin and Nellis Boulevard in East Las Vegas.

- In 2022, two projects in Nevada received over \$48 million in funding from the RAISE program.
 - Fernley [received](#) \$25 million for its Victory Infrastructure Project, which completed the Nevada Pacific Parkway connection from I-80 to Highway 50.
 - In Las Vegas, the GREENVision Project [received](#) \$23.9 million to create safe, accessible, non-motorized transportation through the Stewart Avenue Complete Streets project.
- In 2022, the Nationally Significant Multimodal Freight & Highway Projects program (INFRA) [awarded](#) \$88.9 million to the Nevada Department of Transportation to improve and add two lanes along approximately three miles of US-395 and create a complete street along a separate 2.5-mile stretch of North Virginia Street with pedestrian improvements.

The Clean Energy Plan Funding Is Helping Nevada Become Resilient To Drought Conditions:

- As part of the Bipartisan Infrastructure Law, the Colorado River Drought Contingency Plan [received](#) \$300 million for water reclamation operations. Of this funding, \$250 million is for the Bureau of Reclamation to create or conserve 100,000 acre-feet of water annually for the Lower Colorado River Basin at Lake Mead.
- The Inflation Reduction Act includes \$4 billion for the U.S. Bureau of Reclamation, which will help Nevada and Colorado River basin states [mitigate](#) climate-driven drought. From this funding, the U.S. Bureau of Reclamation [created](#) a Lower Colorado River Basin System Conservation and Efficiency Program to improve and protect the long-term sustainability of the Colorado River.
- As part of the Bipartisan Infrastructure Law, Nevada is set to [receive](#) \$2.43 million to stabilize the Marble Bluff Dam and Bank in Washoe County.
- As part of the Bipartisan Infrastructure Law, the Southern Nevada Water Authority [received](#) \$1.7 million for its Septic System Conversion Incentive Program.

The Clean Energy Plan Is Helping Reduce Pollution In Communities Across Nevada:

- In March 2023, the Biden-Harris Administration [announced](#) a \$3 million grant for Nevada to develop innovative strategies to cut climate pollution and build clean

energy economies. The funding, which comes from the Climate Pollution Reduction Grant program created by the Inflation Reduction Act, was [allocated](#) to the Nevada Department of Conservation and Natural Resources.

- In March 2023, the Biden-Harris Administration announced the Las Vegas- Henderson- Paradise Metro Area would [receive](#) a \$1 million grant to tackle climate pollution. The funding, which comes from the Climate Pollution Reduction Grant program created by the Inflation Reduction Act, was [allocated](#) to the Clark County Department of Air Quality.
- Two tribal governments in Nevada, the Inter-Tribal Council of Nevada Inc. and the Paiute-Shoshone Tribe of the Fallon Reservation and Colony, were [awarded](#) funding from the Climate Pollution Reduction Grant program.
- As part of the Clean School Bus Rebate Program that was created by the Bipartisan Infrastructure Law, one Nevada school district [received](#) over \$9.8 million in federal funds to purchase low- and zero-emission school buses in 2022.
 - The Clark County School District [received](#) 25 electric school buses.
- In January 2023, the EPA [announced](#) the selection of 280 school districts nationwide to receive nearly \$1 billion through the first Clean School Bus Program Grants Competition. Five Nevada school districts [received](#) a total of over \$7.7 million in funding.

The Clean Energy Plan Is Advancing Climate Resilience, Conservation, And Equity In Nevada:

- In September 2023, Nevada [received](#) a total of \$15.7 million from the Urban and Community Forestry Grants to support seven projects to combat climate change, expand access to green spaces, and create healthier communities. The Urban and Community Forestry Grants Program is funded by the Inflation Reduction Act.
 - Las Vegas was [awarded](#) \$5 million to engage disadvantaged residents in establishing new trees on private property, improving access to green infrastructure, and mitigating the extreme heat for disadvantaged communities.
 - North Las Vegas [received](#) \$1 million to direct improvements to the quality and extent of the existing urban forests to disadvantaged communities with the goal of reducing urban heat islands and improving social well-being within those communities.
 - Reno [received](#) \$500,000 for its Filling the GAPP - Green Airway Planting Project, which will mitigate extreme heat and urban heat islands and improve air quality in the city.

- Green Chips DBA ImpactNV was [awarded](#) \$3 million to increase tree equity in Nevada.
- Soulful Seeds received \$1 million to expand urban orchards in vulnerable communities and provide immediate workforce opportunities in Arboriculture in Washoe County.
- The University of Nevada Las Vegas was [awarded](#) \$5 million to engage and educate residents of Clark County about the importance of trees in cities and provide professional development for arborist-in-training.
- The Zion Urban Forest [received](#) \$247,136 to address low urban tree canopy, the impacts of extreme heat & drought, and food insecurity.
- In September 2023, the National Parks Service [announced](#) that Nevada would receive over \$2.6 million from the Inflation Reduction Act to address critical ecosystem resilience, restoration, and environmental planning needs.
- The Inflation Reduction Act [awarded](#) \$30 million to the EPA's Environmental Justice Collaborative Problem Solving (EJCPS) Program. In 2023, one project in Nevada [received](#) funding from the EJCPS Program to address environmental justice inequities.
 - The Northern Nevada Institute for Public Health [received](#) \$500,000 to conduct water quality assessments for private well owners, improve education and resources related to water quality, and develop a community-driven sustainability and future action plan.
- The Carson River Mercury Superfund Site near Dayton was [selected](#) to receive cleanup funding under the Bipartisan Infrastructure Law.
- As part of the Bipartisan Infrastructure Law, the Summit Lake Paiute Tribe of Nevada [received](#) over \$249,000 in funding from the Bureau of Indian Affairs Branch of Tribal Climate Resilience to complete a Climate Adaptation Plan.

The Clean Energy Plan Is Investing In Climate-Smart Agriculture – Benefiting Nevada Farmers, Ranchers, And Agricultural Businesses:

- The Inflation Reduction Act included an additional \$2 billion for the USDA's Rural Energy for America Program (REAP). In November 2023, \$996,000 in grant funding was [awarded](#) to one Nevada farm to invest in renewable energy, upgrade to energy-efficient equipment, and cut their energy costs.
 - Golconda Butte Farms Inc. [received](#) \$996,000 to install a photovoltaic solar system that will save \$324,146.00 per year in power bills.

- Under the Increasing Land, Capital, and Market Access Program, NDN Collective, Inc. [received](#) funding for its Pine Creek Ranch Land and Water Conservation Project. The Increasing Land, Capital, and Market Access Program is funded by the IRA.

Stories To Uplift

Clean Energy Investments Are A Boon To Communities Across Nevada:

- Rural Nevada stands to benefit from investments in the new clean energy economy and increased renewable energy development, with the USDA recently announcing [\\$300 million](#) for renewable energy investments in the state's rural communities – \$250 million of which came from the IRA. Northern Nevada, in particular, is quickly assuming a leading role in the clean energy transition, with large investments in battery manufacturing and sourcing for key battery components, bringing good-paying jobs to communities such as McCarran and Storey County.
 - Redwood Materials is investing billions in rural Nevada. Redwood Materials received a [\\$2 billion loan](#) from the Department of Energy for a battery materials manufacturing campus in McCarran, Nevada. The facility will create [3,400 good-paying construction jobs](#) comprised of union, minority-owned, or woman-owned businesses. The facility will employ [1,600 full-time employees](#). Additionally, Redwood Materials invested \$1.1 billion to expand its Storey County Campus, where it produces anodes and cathodes, which will create [700 new jobs](#).

The Clean Energy Plan Is Helping Nevada Farmers, Ranchers, and Agricultural Businesses:

- In November 2023, one farm in Nevada was [awarded](#) Rural Energy for America Program (REAP) grants, which received a \$2 billion boost through the Inflation Reduction Act.
 - Golconda Butte Farms Inc. [received](#) \$996,000 to install a photovoltaic solar system that will save \$324,146.00 per year in power bills.