



# **Nevada Clean Energy Fund Update, Solar for All, and Other Federal Funds**

May 29, 2024

Presentation for the Joint Interim Standing Committee on  
Growth & Infrastructure

By Kirsten Stasio, CEO, Nevada Clean Energy Fund (NCEF)

# About the Nevada Clean Energy Fund

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The Nevada Clean Energy Fund (NCEF) is a nonprofit organization created by state statute in 2017 (SB 407, codified in NRS 701B) to provide financing and technical assistance to promote investments in clean energy projects in Nevada, and for the following purposes:

**Improving the  
standard of living of  
Nevadans**

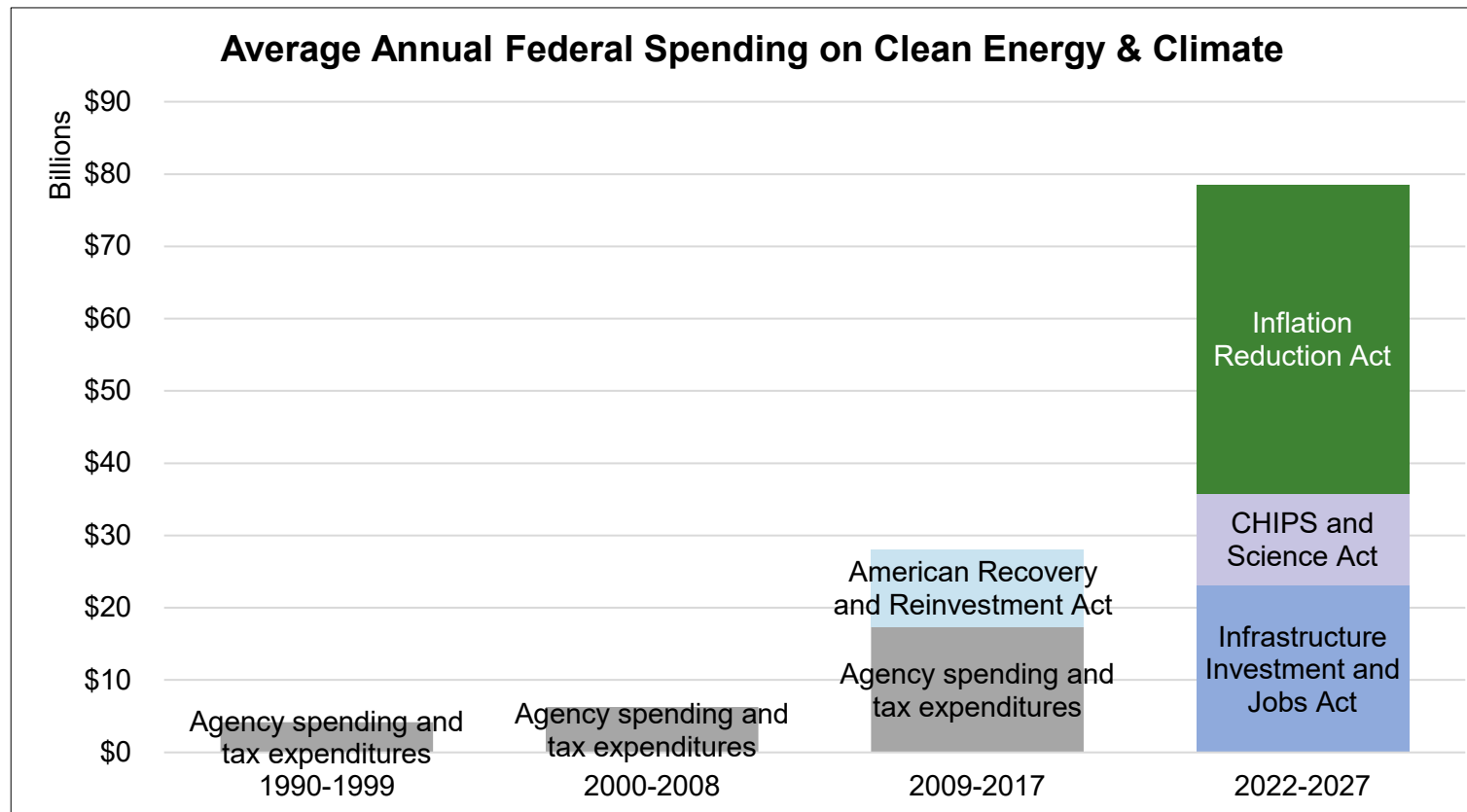
**Reducing energy  
costs**

**Creating high-paying,  
long-term jobs**

**Addressing climate  
change**

# A Singular Opportunity for Nevada

- The Inflation Reduction Act makes >\$400 billion of federal funds available to advance clean energy solutions, reduce energy costs, and create quality jobs.
- This includes the \$27 billion Greenhouse Gas Reduction Fund that makes funds available for community lenders and green banks to launch clean energy financing programs.



Data Source: RMI. December 2022.

# NCEF Programmatic Priorities to Make Clean Energy Accessible to Nevadans

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- NCEF's programs provide clean energy financial and technical assistance to residents, Tribes, affordable housing, local businesses, schools, governments, and others in Nevada.
- These programs support clean energy measures such as building energy efficiency, clean vehicles, and solar and energy storage.



Single-Family  
Homes

Multifamily  
Homes

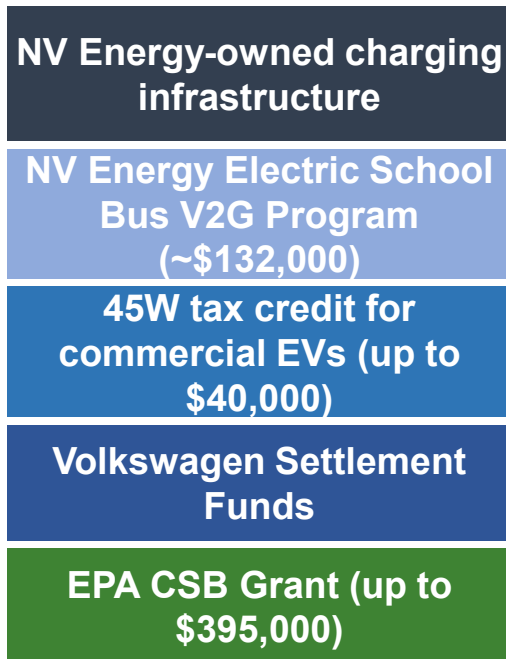
Commercial  
Buildings

Vehicle  
Fleets

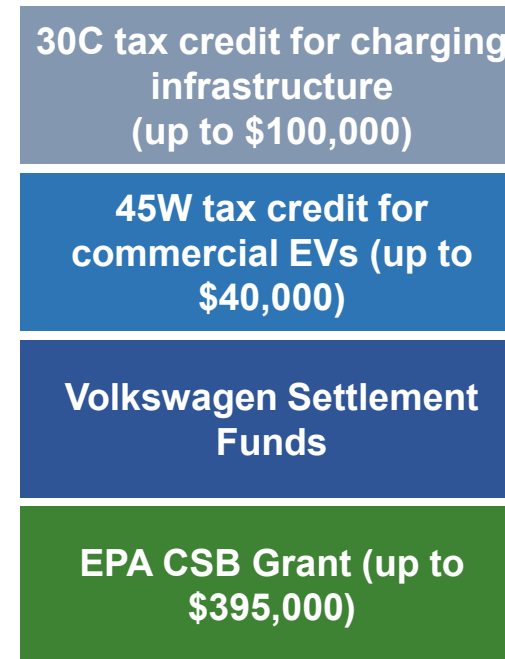
Rural & Tribal  
Solar + Storage

# NCEF's Electric School Bus Program

- NCEF was awarded \$7.7 million under the Environmental Protection Agency's Clean School Bus Program to deploy 25 electric school buses across Nevada
- NCEF partnered with NV Energy, the Nevada Division of Environmental Protection (NDEP), the World Resources Institute (WRI), and several Nevada school districts on the grant.



**NV Energy Territory**



**Other Utility Territories**

# Nevada's \$156 Million Solar for All Award

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- Solar for All is a \$7 billion federal grant program administered by the Environmental Protection Agency (EPA) to support solar programs that benefit low-income households.
- NCEF was awarded \$156 million to launch Solar for All programs in Nevada.
- EPA made 60 awards per state, including one for almost every state and territory.
- Nevada received the highest award amount per capita of any state in terms of eligible (disadvantaged) population.
  - Nevada received the same award amount as Florida, Illinois, and Pennsylvania
- Some policy and regulatory barriers could prevent Nevadans from benefiting from these funds.



## GOALS

Involve & Benefit Communities  
Reduce Energy Burdens  
Build Diverse Workforce  
Catalyze Private Capital  
Transform Markets

# Nevada's Solar for All Program Anticipated Timeline

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May-July 2024

"Obligation" phase: Award negotiations are ongoing; awardees are restricted from drawing down funds until after EPA obligates funds. Funds can be drawn down retroactively after obligation occurs.

August-December 2024

"Limited drawdown" phase: recipients will be allowed to draw down limited funds necessary to finalize its workplan/budget. Once EPA reviews and approves recipient's finalized documents, the drawdown restriction will be lifted.

NCEF aims to release funding applications for affordable housing developers and community solar project hosts during this time.

January – April 2029

Implementation phase: NCEF aims to begin deploying funds in the first half of 2025, including opening funding applications for residents.  
The grant has a five-year performance period.

# Residential Energy Upgrade Program (RE-UP)

- RE-UP connects Nevada homeowners with financial and technical assistance for energy efficiency and clean energy upgrades in their homes.
- As part of RE-UP, NCEF vets licensed contractors who perform the work.
- NCEF also provides education and support to homeowners in accessing federal and utility incentives.

Federal Tax Credits Available for Households	Tax Credit Amount (up to)
Weatherization (§25C)	\$1,200
Rooftop solar, battery storage, or geothermal heat (§25D)	30% of cost
New Electric Vehicle (§30D)	\$7,500
Used Electric Vehicle (§25E)	\$4,000
Electric Vehicle Charger (§30C)	\$1,000
Heat Pump Air Conditioner/Heater (§25C)	30% of cost
Heat Pump Water Heater (§25C)	\$2,000
Electrical Panel (§25C)	\$600

Federal High-Efficiency Electric Home Rebates (HEEHR) for Households <150% AMI	Maximum Rebate Amount
Heat Pump Water Heater	\$1,750
Heat Pump for HVAC	\$8,000
Electric Stove, cooktop, range, oven, or heat pump clothes dryer	\$840
Electric load service center	\$4,000
Insulation, air sealing, and ventilation	\$1,600
Electric wiring	\$2,500
Maximum total amount	\$14,000

*The above is intended to provide a summary of selected federal clean energy tax credits and rebates and should not be interpreted as tax or legal advice. Federal and state agencies will be issuing final guidance and regulations related to these provisions. Federal Home Energy Rebates are not yet available and will be administered by the Nevada Governor's Office of Energy.*



# Resources & Tools for Nevadans on NCEF's Website

## Federal Incentives

The Inflation Reduction Act includes significant federal tax credits and rebates for measures such as heat pumps, insulation, solar, electric vehicles (EVs), and more.

FIND OUT MORE

## RE-UP Loans

RE-UP offers unsecured loans at affordable rates to homeowners of all income levels. RE-UP considers factors other than credit score when assessing a homeowner's eligibility for a loan.

FIND OUT MORE

## Find Contractors

RE-UP vets licensed HVAC, solar, and other energy contractors. Be sure to use a contractor certified by the Nevada State Contractors Board for the measure the contractor is installing.

FIND OUT MORE

## Solar Consumer Protections

If you are considering installing solar on your home, or if you have issues with your existing rooftop solar, learn about your rights in Nevada and solar consumer protections.

FIND OUT MORE

## Weatherization Assistance

The Weatherization Assistance Program provides homeowners and renters at or

## NV Energy



NV Energy offers residents a free home energy assessment & smart thermostat, incentives for efficient A/C units, and

## Rebuilding Together

Rebuilding Together Southern Nevada and Northern Nevada are nonprofit organizations

## Rural Support from USDA

US Department of Agriculture (USDA) Rural Development offers grants and loans for



# Resources & Tools for Nevadans on NCEF's Website

## Check Your Eligibility for Federal & Utility Incentives

### Your household info

Reset

We're dedicated to safeguarding your privacy. [Learn more.](#)

#### PROJECTS YOU'RE MOST INTERESTED IN

None selected

#### RENT OR OWN

Homeowner

#### ZIP

12345

#### ELECTRIC UTILITY

Select utility

Enter your ZIP code to select a utility.

#### HOUSEHOLD INCOME

\$0

#### TAX FILING

Single

#### HOUSEHOLD SIZE

1 person

Calculate

Calculator by [Rewiring America](#) • [Privacy Policy](#) • [Terms](#)



## Nevada Solar for All Interest Form

**COMING SOON**

The Nevada Clean Energy Fund (NCEF) is gearing up to implement solar programs that benefit low-income households using a \$156 million federal award from the Inflation Reduction Act's Solar for All program. The Nevada Solar for All (NSFA) program will help Nevada households access savings through solar and related energy upgrades. NCEF will administer programs that fund (1) rooftop solar for single-family homeowners, (2) solar for affordable multifamily buildings, and (3) community solar projects that benefit low-income households (including renters).

Interested households, affordable housing owners, contractors, community solar project hosts, and other stakeholders should fill out this survey to receive NSFA program updates via email.

Name *(Required)*

First

Last

Email *(Required)*

Zip Code *(Required)*

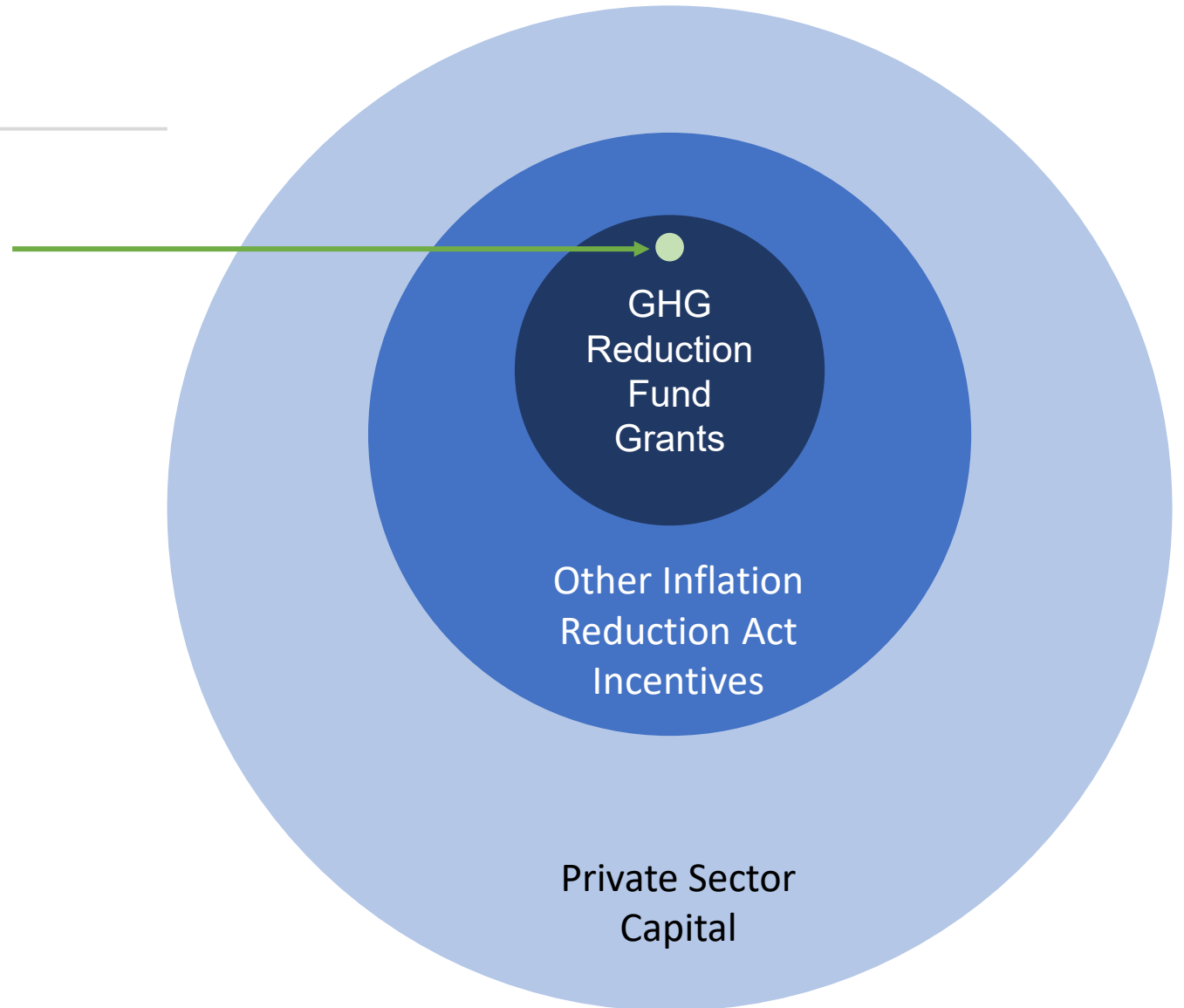
# Nevada Clean Energy Fund History

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<b>June 2017</b>	NCEF established by SB 407
<b>November 2021</b>	Congress passes the Bipartisan Infrastructure Law
<b>January 2022</b>	Board of Directors formally launches NCEF, hires inaugural Executive Director/CEO
<b>August 2022</b>	Congress passes the Inflation Reduction Act
<b>July 2023</b>	Legislature allocates \$1 million for the biennium to NCEF
<b>August 2023</b>	NCEF submits EPA Clean School Bus grant application
<b>October 2023</b>	NCEF submits EPA Solar for All grant application
<b>November 2023</b>	NCEF launches Residential Energy Upgrade Program (RE-UP)
<b>January 2024</b>	EPA selects NCEF for \$7.7 million Clean School Bus grant
<b>February 2024</b>	IFC approves GOE partnership with NCEF to deploy ~\$2 million in DOE funds
<b>April 2024</b>	EPA selects NCEF for \$156 million Solar for All grant

# The Multiplier Effect

NCEF  
Organizational  
Expenses



- This diagram/concept was presented to the Assembly and Senate Committees on Growth & Infrastructure in February 2023.
- In July 2024, SB341 appropriated \$1 million "to use for obtaining federal money to assist with carrying out qualified clean energy projects and economic policies pursuant to NRS 701B.930 to 701B.995, inclusive."



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# Thank You

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