



# GREENHOUSE GAS REDUCTION FUND

UPDATE ON THE SOLAR FOR ALL PROGRAM & GRANT RECIPIENTS

AUGUST 2024



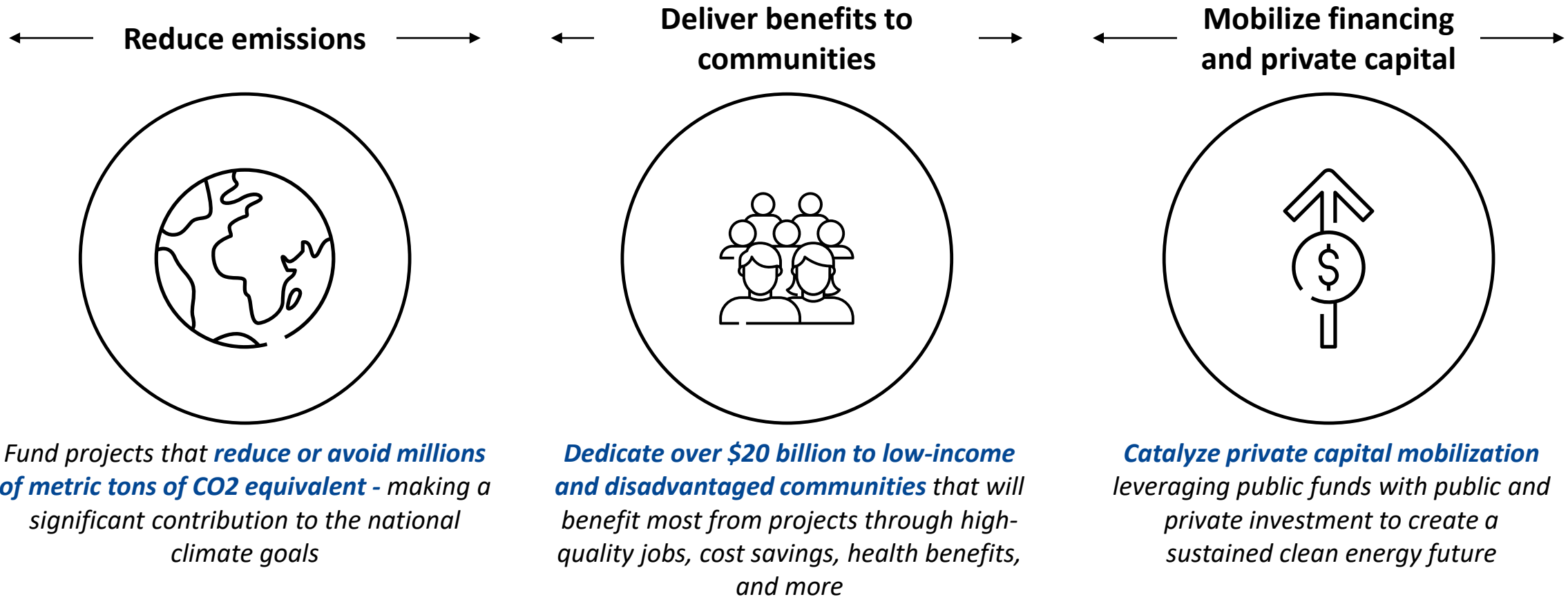
# THE GREENHOUSE GAS REDUCTION FUND IS A HISTORIC INVESTMENT IN AMERICAN CLEAN ENERGY FINANCE

## Overview of the three Greenhouse Gas Reduction Fund Programs

	 <b>National Clean Investment Fund</b>	 <b>Clean Communities Investment Accelerator</b>	<i>For discussion today</i>  <b>Solar for All</b>
<b>Program description</b>	<p><b>Fund national nonprofit financing entities to create national clean financing institutions</b> capable of partnering with the private sector to provide accessible, affordable financing for tens of thousands of clean technology projects nationwide</p>	<p><b>Fund hub nonprofits to provide funding and technical assistance to community lenders</b> that will then finance clean technology projects in low-income and disadvantaged communities, deploying projects in communities most in need while also building the capacity of community lenders that serve those communities</p>	<p><b>Fund states, territories, Tribal governments, municipalities &amp; nonprofits</b> to develop long-lasting programs that enable low-income &amp; disadvantaged communities to deploy and benefit from distributed residential solar</p>
<b>Number of grant recipients</b>	<b>3 grantees</b>	<b>5 grantees</b>	<b>60 grantees</b>
<b>Funding amount</b>	<b>\$14 billion</b>	<b>\$6 billion</b>	<b>\$7 billion</b>

# THE GGRF PROGRAM AIMS TO MOBILIZE FINANCING, REDUCE EMISSIONS AND DELIVER BENEFITS FOR COMMUNITIES

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# SOLAR FOR ALL IS DELIVERING A \$7 BILLION NATIONAL INVESTMENT IN RESIDENTIAL DISTRIBUTED SOLAR

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**5** multistate awards  
totaling  
**~\$1 billion**

to launch innovative programs serving specific overburdened communities with solar energy or deploy specific solar project-types

**6** awards to serve Tribes  
totaling  
**~\$500 million**

to enable Tribes to deploy and benefit from residential distributed solar

**49** state-level awards (to states or nonprofits) totaling  
**~\$5.5 billion**

to create or expand solar programs benefiting low-income and disadvantaged communities

*Funding figures rounded to nearest hundred million*

All 60 grantees are listed on the Solar for All website: <https://www.epa.gov/greenhouse-gas-reduction-fund/solar-all>

# NEARLY ONE MILLION HOUSEHOLDS WILL BENEFIT FROM AFFORDABLE, CLEAN ENERGY FUNDED BY SOLAR FOR ALL

EPA estimates that the 60 Solar for All grant recipients will enable over **900,000 households** in low-income and disadvantaged communities to deploy and benefit from distributed solar energy, resulting in...



**30+ million** metric tons of CO<sub>2</sub>e avoided over 25 years, from **4+ GW** of solar energy capacity deployed or unlocked for low-income and disadvantaged communities over the program<sup>1</sup>



**\$350+ million** annual savings for overburdened households for their electricity bills; and all programs committed to delivering at least **20%** household savings to beneficiaries



**Many states and territories will have access to residential solar programs for low-income and disadvantaged communities for the first time<sup>2</sup>**

*Impact figures estimated from data provided in selected grant applications and funding estimates*

1. CO<sub>2</sub>e figure calculated from applicant reported solar capacity estimates with EPA's AVOIDed Emissions and geneRation Tool (AVERT) and the National Renewable Energy Lab's Cambrium data set
2. States and territories figure based on survey of previous low- and medium-income residential and community solar programs; states/territories with existing programs defined as any existing or previous state-, utility-, or CDFI-led program across a share of of the state/territory population

# EACH GRANTEE IS DEVELOPING A UNIQUE PROGRAM THAT WILL DELIVER IMPACTS FROM QUALITY JOBS TO COST SAVINGS

## Example program impacts sampled from the 60 Solar for All grant recipients

### Meaningful benefits



#### Household savings

Solar for All is expanding equitable access to solar by providing grants, low-cost capital, and technical assistance to projects, communities, and developers.

All grant recipients have committed to delivering **at least 20% cost savings** to all households who will benefit from their program, as part of their program plans.



#### Clean energy economy

Grant recipients will help develop a clean energy economy built on **strong labor standards, supports for domestic manufacturing and inclusive economic opportunity for all communities.**

All grant recipients will fund workforce development programs that expand equitable pathways into family-sustaining jobs.

### Low-income and disadvantaged communities



#### Overburdened communities

**More than 70% of the \$27 billion under all GGRF programs – and 100% of the \$7 billion under Solar for All – will benefit LIDACs:**

- Communities identified as disadvantaged by CEJST or EJScreen
- Low-income individuals/households (generally 80% AMI or 200% FPL, or participation in certain income-limited assistance programs)
- Affordable housing (including public housing)



#### Affordable housing

Grant recipients are **developing dedicated strategies to deploy solar for households in federally-supported housing.**

The plans are designed to reduce energy costs and increase resilience for low-income households by delivering electricity during grid outages.

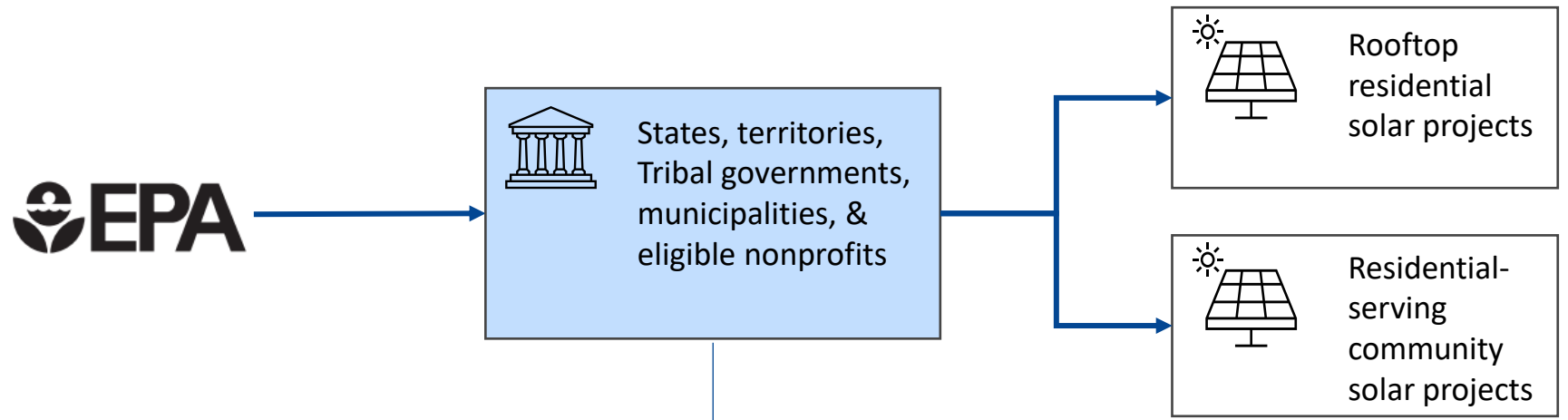
# STATES, TRIBAL GOVERNMENTS, MUNICIPALITIES, & NONPROFITS WILL FUND DISTRIBUTED SOLAR PROJECTS

## Program overview

EPA awarded grants to 60 states, territories, tribal governments, municipalities, and eligible nonprofit recipients to **create long-lasting programs that provide financial & technical assistance to rooftop residential solar projects and residential-serving community solar.**

100% of program funds must **enable low-income & disadvantaged communities to deploy and benefit from residential distributed solar.**

## Solar for All flow of funds



### Grant recipients are developing long-lasting programs that:

- **Provide grants, loans, and other forms of financial assistance** to rooftop residential and residential-serving community solar projects
- **Support communities to deploy** rooftop residential and residential-serving community solar by providing technical assistance such as workforce development and project-deployment support (e.g., siting, permitting, interfacing with utilities)
- **Address policy and regulatory barriers to residential distributed solar and leverage existing favorable policies** by working with stakeholders (e.g., utilities) on policies such as net metering and third-party ownership

# SOLAR FOR ALL WILL PROVIDE FINANCIAL & TECHNICAL ASSISTANCE FOR 4 TYPES OF ELIGIBLE TECHNOLOGIES

## Four categories of eligible projects under Solar for All

Category	Residential rooftop solar	Residential-serving community solar	Associated storage	Enabling upgrades
	<p><b>Behind-the-meter solar, including rooftop, pole-mounted, and ground-mounted photovoltaic (PV) power-producing facilities</b></p> <p>Assets which support households in single-family homes, manufactured homes, or multifamily buildings</p>	<p><b>PV facilities with up to 5 MW<sub>ac</sub> nameplate capacity</b></p> <p>Facilities that deliver at least 50% of the electricity generated by the facility to residential customers in the same utility territory as the facility</p>	<p><b>Infrastructure to store solar power for the purposes of maximizing residential rooftop solar and residential-serving community solar</b></p> <p>Storage infrastructure should be deployed in conjunction with a residential solar project to maximize program benefits</p>	<p><b>Investments in energy &amp; building infrastructure that ensure a building is “solar ready” and to maximize benefits of solar deployment for households (e.g., roof repairs, energy efficiency)</b></p> <p>Financial assistance should be used in conjunction with financial assistance for a solar project</p> <p>Financial assistance for enabling upgrades should be no more than 20% of financial assistance during the program period</p>



# WHAT COMES NEXT FOR SOLAR FOR ALL GRANTEEES



## Obligation Announcement

*August 2024*

EPA formally obligated all \$7 billion of funds under the Solar for All program to the 60 grant recipients under conditional awards.



## Amendment Phase

*August-December 2024*

Under conditional awards, grant recipients will continue working with EPA to finalize their program workplans and budgets through the end of the year.

Once EPA has approved the grantees' final workplans and budgets – which is expected by the end of the 2024 – grant recipients can begin accessing their full grant awards begin implementing programs.



## Performance Period

*December onward*

Grant recipients can begin accessing the full amount of their awards to:

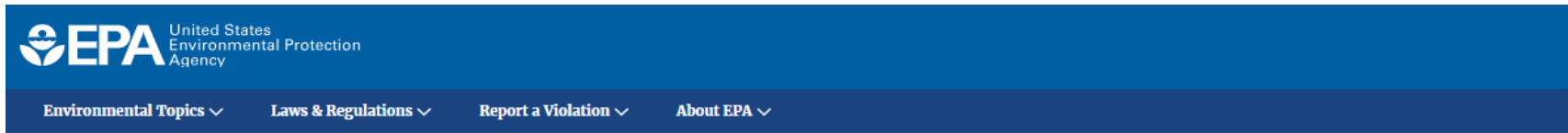
- Begin funding projects through existing low-income solar programs, and
- Begin community outreach efforts to launch new low-income solar programs.

Many grantees will opt to utilize a one-year planning period to further develop and implement their Solar for All programs before they begin offering financial assistance and subawards in their geographies.

EPA will provide support and oversight to grant recipients over the course of the program.

# HOW TO ENGAGE WITH SOLAR FOR ALL GRANT RECIPIENTS

[www.epa.gov/greenhouse-gas-reduction-fund/solar-all](http://www.epa.gov/greenhouse-gas-reduction-fund/solar-all)



## Greenhouse Gas Reduction Fund

### Solar for All

Under the \$7 billion Solar for All program, the 60 selected applicants will create new or expand existing low-income solar programs, which will enable over 900,000 households in low-income and disadvantaged communities to benefit from distributed solar energy.

Collectively, these programs will deliver on the Greenhouse Gas Reduction Fund's objectives by reducing greenhouse gas emissions and other air pollution, delivering cost savings on electric bills for overburdened households, and unlocking new markets for distributed solar in 25 states and territories that have never had a statewide low-income solar program before.

[Read a detailed press release on the selection of these 60 applications.](#)

The 60 selected applications include 49 state-level awards, six awards to Tribes, and five innovative multistate awards, spanning the entire country. [View the 60 selected applicants in this table:](#)

### Solar for All Selected Applicants

Show  entries

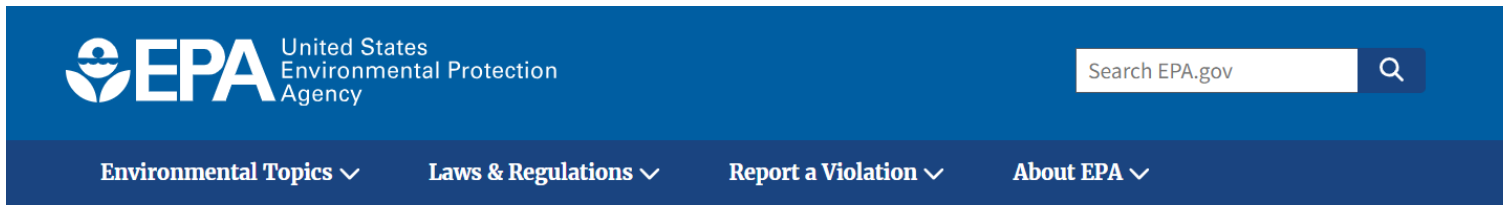
EPA Region	Applicant Type	Applicant Name	Geographic Area Served	Award Amount	Project Description
1	State	Executive Office of the State of New Hampshire	NH	\$43,510,000	The New Hampshire Department of Energy designed a comprehensive and complementary technology. The Community Loan Fund will purchase the solar from owners and convert to those communities or projects that do not
					Massachusetts' SFA Program will be available to impact in historically underserved communities

**Contact Solar for All grantees serving your geography directly to learn more about opportunities for partnership or applying for a subaward.**

Grantees with existing low-income solar programs are already using SFA funds for these programs. Grantees who are launching new programs will spend the next year developing their programs.

# VISIT OUR WEBSITE FOR MORE INFORMATION

[www.epa.gov/greenhouse-gas-reduction-fund](http://www.epa.gov/greenhouse-gas-reduction-fund)



## Greenhouse Gas Reduction Fund

[CONTACT US](#)

[Greenhouse Gas Reduction Fund Home](#)

**[Learn about the Fund](#)**

[Background and History](#)

[Review and Selection Process](#)

[Frequent Questions about the Fund](#)

[National Clean Investment Fund](#)

[Clean Communities](#)

## About the Greenhouse Gas Reduction Fund

The President's Inflation Reduction Act authorized the EPA to create and implement the Greenhouse Gas Reduction Fund, a historic \$27 billion investment to combat the climate crisis by mobilizing financing and private capital for greenhouse gas- and air pollution-reducing projects in communities across the country. Together, the Greenhouse Gas Reduction Fund's National Clean Investment Fund, Clean Communities Investment Accelerator, and Solar for All programs will finance clean technology deployment nationally, finance clean technology deployment in low-income and disadvantaged communities while simultaneously building the capacity of community lenders that serve those communities, and spur adoption of clean distributed solar energy that lowers energy bills for millions of Americans in low-income and disadvantaged communities. These programs advance President Biden's Justice40 Initiative

### Available information

- Background and history of the Greenhouse Gas Reduction Fund
- Contact information for the selected applicants under the Solar for All program
- Frequently asked questions about the Greenhouse Gas Reduction Fund and specific programs
- Overview of the review and selection process under the 3 GGRF grant competitions
- Upcoming webinars & future engagement opportunities with the Greenhouse Gas Reduction Fund