



NAVIGATING FEDERAL **CLEAN ENERGY** RESOURCES



Agenda

- Co-Host Introductions
- Roundtable Overview
- Federal Energy Funding for Local Government
- Group Discussion





Clean Energy Business Network Overview & Resources



CLEAN ENERGY BUSINESS NETWORK[®]

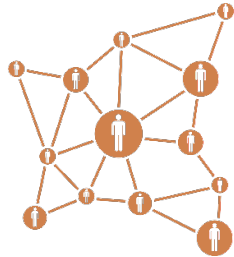
the small business voice for the clean energy economy



Policy
Support



Market &
Technology
Education

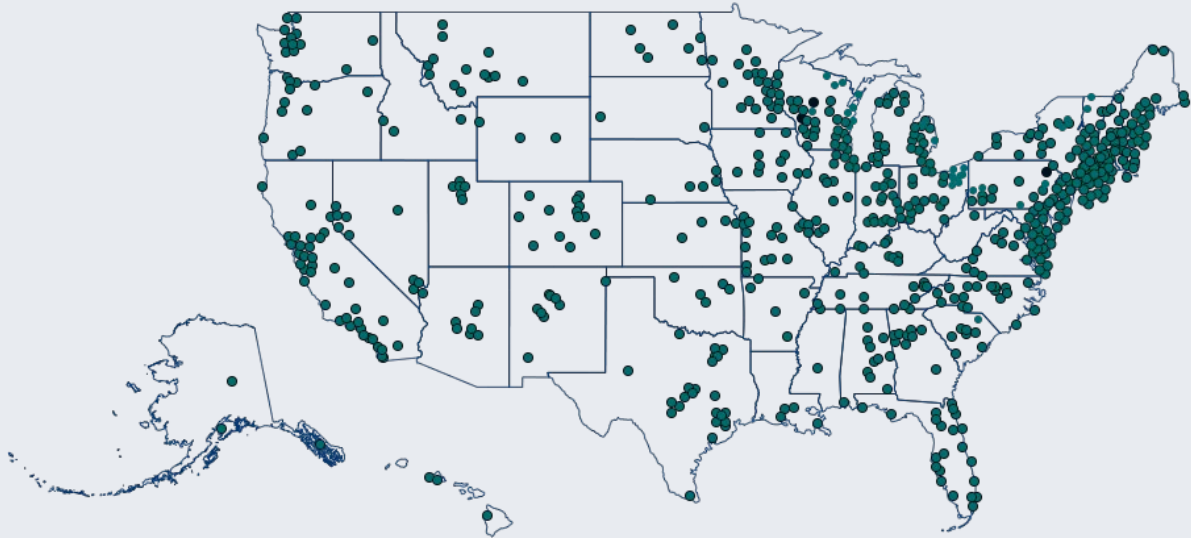


Business
Development
Assistance

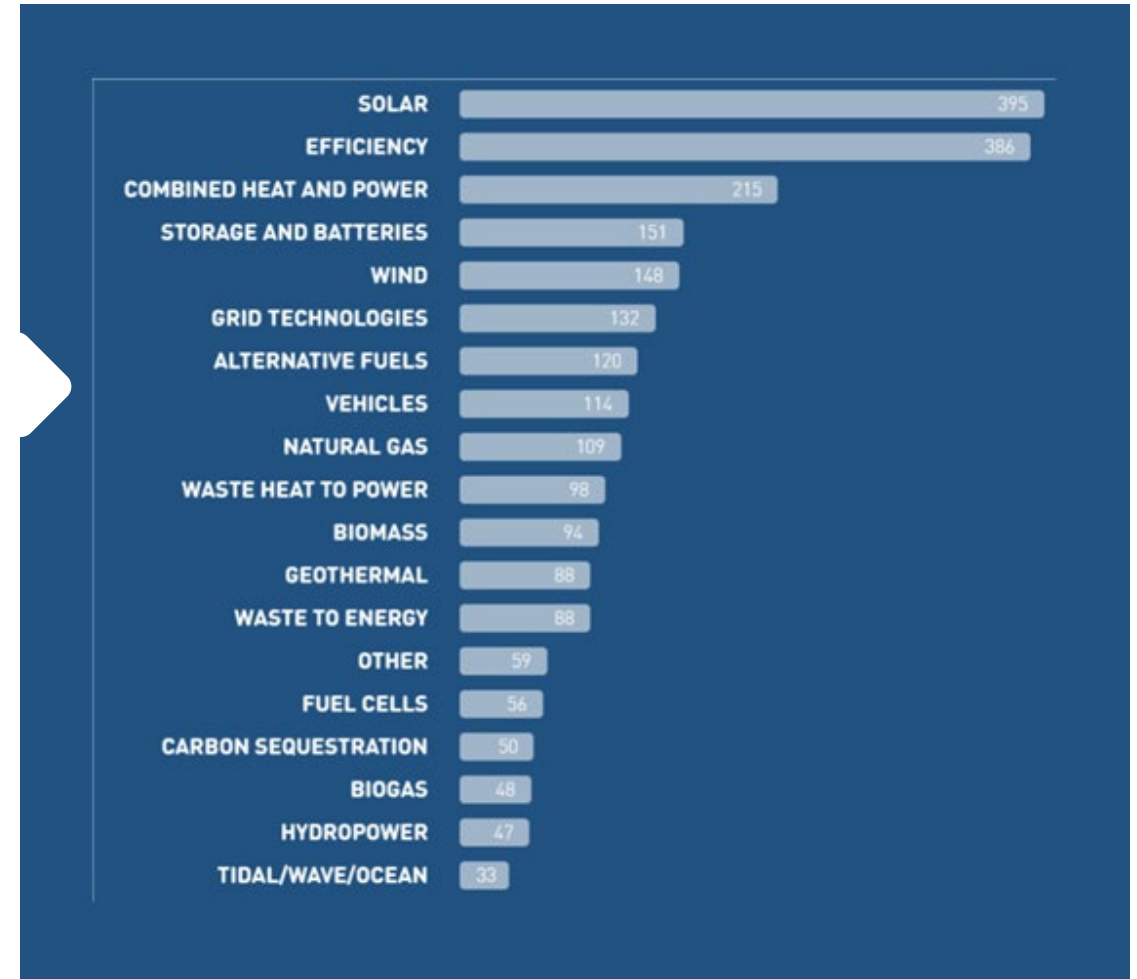


Our Reach

8,000+ small business and community leaders across the United States

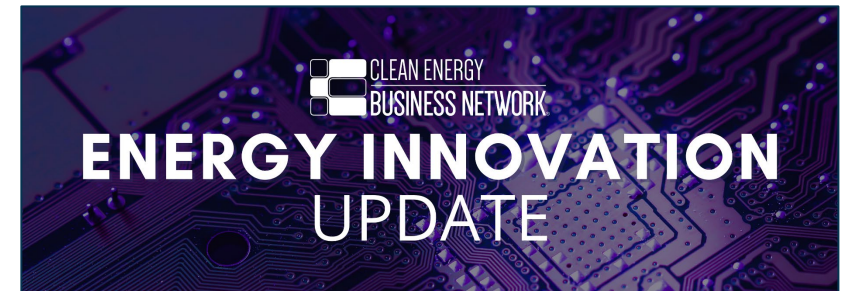
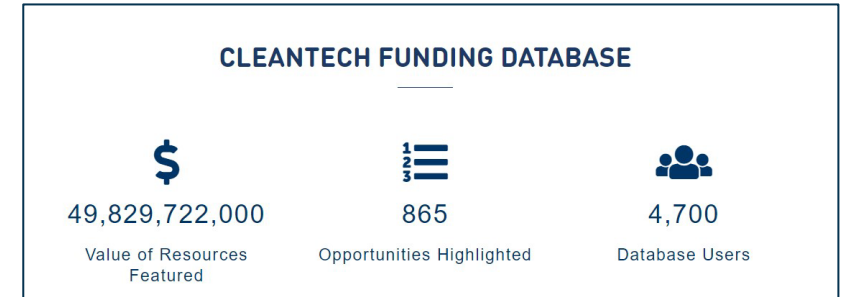


Diverse technologies



Resources to Help You Navigate Policy and Funding

- [U.S. Cleantech Funding Database](#)
- [Ecosystem Resource List](#)
- [Weekly Newsletter & Monthly Email Digests](#)
- Blog Series
 - [Inflation Reduction Act](#)
 - [Bipartisan Infrastructure Law](#)
 - [Other Federal Programs](#)
 - Latest: [Insight into the Greenhouse Gas Reduction Fund](#)



Events

- Regular virtual and in-person events on clean energy policy, markets, and funding opportunities.
- Reach out if you are interested in hosting an event with us or want us to promote your event.

Upcoming Schedule

- Atlanta Roundtable (August 15)
- Prosperity Now Summit (Sep. 4-6 in Washington, DC)
- Community Energy Innovation Ecosystem Track Summit (December TBD in Washington, DC)





Federal Energy Funding

Clean Energy Funding Opportunities



- The **Bipartisan Infrastructure Law** and **Inflation Reduction Act** have created a massive flow of new funding programs.
- The **Justice40 Initiative** intentionally seeks to engage diverse applicants, underrepresented small businesses, and underinvested communities in federal funding opportunities.

Inflation Reduction Act Overview

- \$369B appropriated, with [key investments](#) in:
 - Solar
 - Energy storage
 - Battery Manufacturing
 - Hydrogen
 - Wind
 - Carbon Management
- Clean energy investment has been concentrated in congressional districts with lower than median incomes and below national average levels of degree attainment ([Rhodium Group](#)), including:
 - Underserved Communities (Low-Income Communities Bonus Credit)
 - Hard-Hit Coal Communities
 - Environmental Justice Communities
- States that have received [substantial IRA funding](#) include:
 - California
 - New York
 - Texas
 - Illinois
 - Florida

Bipartisan Infrastructure Law Overview

- \$1.2T authorized, and \$454B awarded, with [key investments](#) in:
 - Renewable Energy (in particular solar and wind energy projects)
 - Grid Modernization
 - Electric Vehicles
 - Energy Efficiency
 - Resilience and Grid Security
- Communities benefitting include:
 - [Urban Areas](#)
 - [Rural Communities](#)
 - [Tribal Nations](#)
 - [Low-Income Communities](#)
 - [Coastal and Climate-Impacted Communities](#)

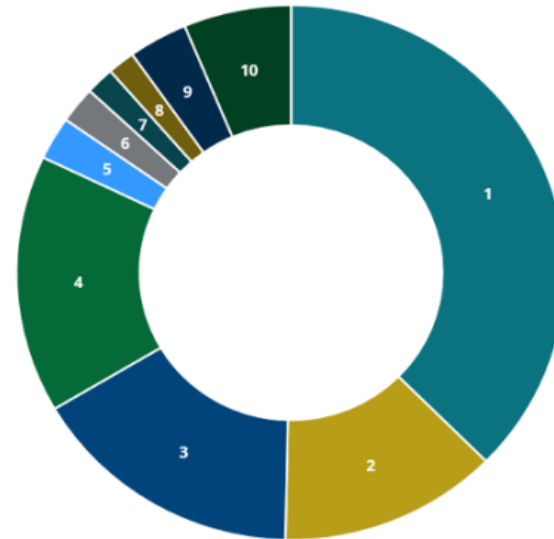
States that received [significant investments](#) include:

- California (~\$44.558B)
- Texas (~\$35.440B)
- New York (~\$26.922B)
- Florida (~\$19.098B)
- Illinois (~\$17.814B)

Louisiana Overview

- [\\$10.2B](#) from BIL and IRA has been allocated to Louisiana
- 68% of awards and projects are in disadvantaged areas.

BIL AND IRA ANNOUNCED FUNDING THROUGH DECEMBER 13, 2023



1	Roads, Bridges, & Safety	\$3,820,000,000	6	Public Transit	\$225,000,000
2	Resilience	\$1,314,000,000	7	Environmental Remediation	\$174,000,000
3	Clean Energy & Power	\$1,649,000,000	8	EV (Charging, Buses, Ferries)	\$164,000,000
4	Internet	\$1,589,000,000	9	Airports, Ports, & Rail	\$355,000,000
5	Water	\$265,000,000	10	Other	\$645,000,000



Opportunities for Local Government

American Made Challenges Program

DOE's [American-Made program](#) helps rapidly iterate technology development or community-based clean energy deployment through:

- Cash prizes
- Training
- Teaming
- Mentoring



[Search the American-Made Network for support](#)

Office of State and Community Energy Programs

The State Energy Program provides funding and technical assistance to states, territories, and DC to enhance energy security, advance state-led energy initiatives, and increase energy affordability. This includes federal support for the following kinds of entities:

- Local governments
- Tribal governments
- Public schools
- Nonprofit organizations
- Workforce development groups
- Community-based groups

SCEP grant programs include:

- [Local Government Energy Program](#)
- [Career Skills Training Program](#)
- [Energy Futures Grant](#)
- [Renew America's Nonprofit](#)
- [Workforce Development and Business Owner Training Program](#)
- [Energy Auditor Training Grant Program](#)
- [Energy Efficiency and Conservation Block Grant Program](#)



SCEP C-SITE Program

The [Communities Sparking Investments in Transformative Energy \(C-SITE\)](#) program will award approximately \$18 million to implement municipally- or Tribal-led, high-impact clean energy projects in disadvantaged communities, energy communities, small- and medium-sized cities and towns, and Tribal communities.

C-SITE includes:

- Up to 20 awards of approx. \$900,000 to \$3.6M per award
- Customized technical assistance from experts, including peer exchanges
- Community Energy Fellow, optional on-site or virtual capacity to support program implementation for up to 18 months



The graphic features the University of California seal on the left, followed by the SCEP logo (State & Community Energy Programs) and the title 'Communities Sparking Investment in Transformative Energy (C-SITE) Funding Opportunity'. Below this, it states 'Powered by the Local Government Energy Program (LGEF)'. A horizontal line separates this from the funding amount '\$18 million in funding for clean energy projects and programs'. Three icons are shown: a solar panel with a sun icon labeled 'Deliver Local Benefits', an electric car with a charging plug icon labeled 'Advance Energy Priorities', and a field with a sun icon labeled 'Spark New Investments'.

 **SCEP** STATE & COMMUNITY ENERGY PROGRAMS **Communities Sparking Investment in Transformative Energy (C-SITE) Funding Opportunity**
Powered by the **Local Government Energy Program (LGEF)**

\$18 million in funding for clean energy projects and programs

 **Deliver Local Benefits**  **Advance Energy Priorities**  **Spark New Investments**

Greenhouse Gas Reduction Fund

The [Greenhouse Gas Reduction Fund \(GGRF\)](#) allocates \$27 billion towards the fight against climate change. EPA tasked with mobilizing financing and private capital for projects that reduce GHG emissions and air pollution in communities.

GGRF Programs

- [The National Clean Investment Fund](#)
- [The Clean Communities Investment Accelerator](#)
- [Solar for All Initiative](#)

Program Aims

- Finance the deployment of clean technology on a national scale, especially in low-income and disadvantaged communities
- Build the capacity of community lenders serving these communities and promote the adoption of clean distributed solar energy
- Support the [Justice40 Initiative](#) and create new job opportunities in domestic industries with competitive wages



➔ Read [CEBN's GGRF blog](#) to find out more about the program.

DOE Communities LEAP

The [DOE Communities LEAP \(Local Energy Action Program\)](#) aims to facilitate sustained community-wide economic and environmental benefits primarily through DOE's clean energy deployment work.

- Open to low-income, energy-burdened communities that are also disadvantaged and/or are experiencing direct economic impacts from a shift away from historical reliance on fossil fuels.
- Matches selected communities with technical assistance providers who assist them with bringing their clean energy planning and economic development vision to life.



➔ Cohort 2 recently completed; however, Cohort 3 should open during Autumn next year.

Community Change Grant Program

The EPA's Community Change Grants program is providing \$2 billion dollars towards environmental and climate justice activities to benefit disadvantaged communities. Projects are intended to achieve the following goals:

- Reduce pollution
- Increase climate resilience
- Build capacity to address environmental/climate justice challenges



➔ The application deadline is November 21, 2024

Clean Energy to Communities Program

The [Clean Energy to Communities \(C2C\) program](#) connects local governments, electric utilities, community-based groups, and others with experts from across the U.S. Department of Energy's national laboratory complex and their customized, cutting-edge analysis. Through unbiased technical support to communities across the country, C2C accelerates the deployment of clean energy systems that are reflective of local and regional priorities.

C2C provides three levels of engagement

- In-depth technical partnerships
- Peer-learning cohorts
- Expert match



C2C: Clean Energy to Communities

U.S. DEPARTMENT OF ENERGY

➡ Proposal submissions closed on June 14; however, applications will reopen next year.

Expert Match Program

C2C's Expert Match Program connects clean energy experts with local governments, electric utilities and community-based organizations to provide technical support for renewable energy projects in low-income communities.

Expert Match offers:

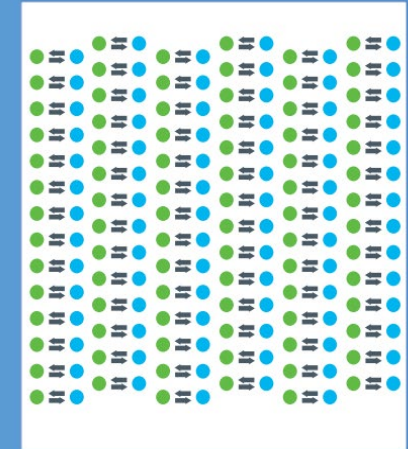
- Access to experts from the DOE's national lab system
- 40-60 hours of support over 3 months from first kickoff call
- Focus on community-driven challenges or goals-from clean electricity, buildings, mobility, and grid to financing, environmental justice, and more

 Rolling Applications



**C2C: Clean Energy
to Communities**

U.S. DEPARTMENT OF ENERGY



**Expert Match
Program**


GRIP Program

The [Grid Resilience and Innovation Partnerships \(GRIP\) Program](#) allocates \$10.5 billion to enhance grid flexibility and improve the resilience of the power system against growing threats of extreme weather and climate change.

The program includes three funding mechanisms:

- [Grid Resilience Utility and Industry Grants](#) (\$2.5 billion)
- [Smart Grid Grants](#) (\$3 billion)
- [Grid Innovation Program](#) (\$5 billion)

Successful projects will deploy Federal funding to maximize grid infrastructure deployment at-scale and leverage private sector and non-federal public capital to advance deployment goals.

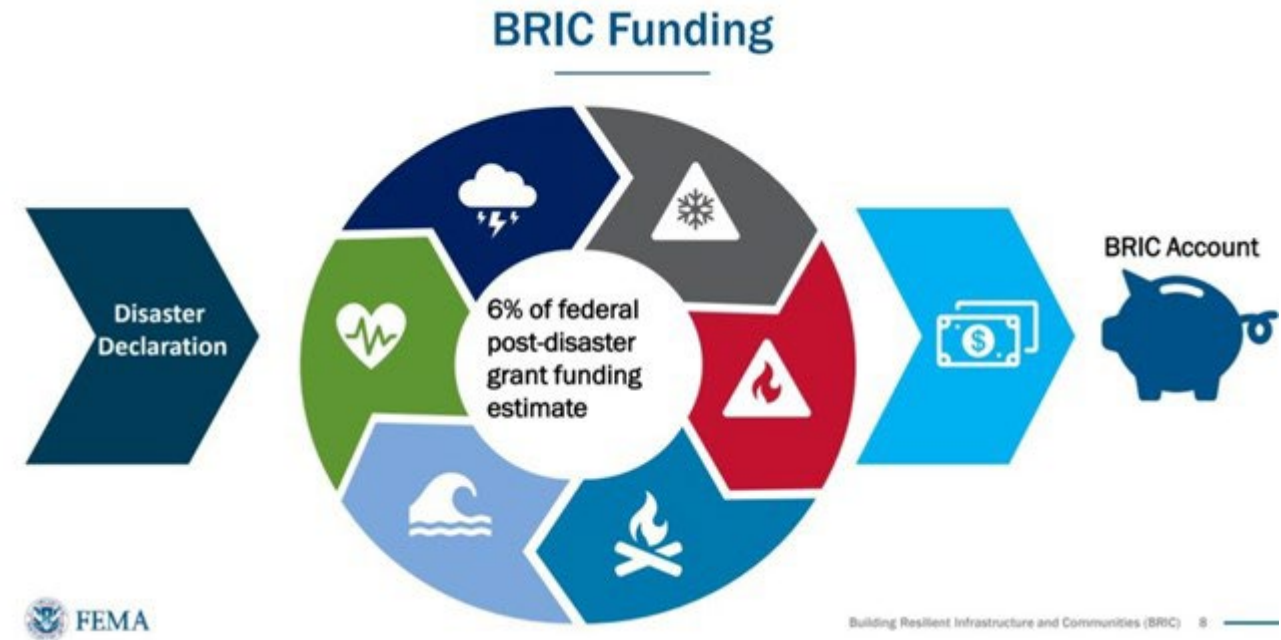
 **Broad eligibility:** Open to domestic entities including institutions of higher education, for-profit entities, non-profits, and state and local governmental entities, and tribal nations.



BRIC Program

The [Building Resilient Infrastructure and Communities \(BRIC\) program](#) supports states, local governments, tribes and territories as they work to reduce their hazard risk.

The program aims to support communities as they build capability and capacity. BRIC also encourages and aids innovation. It helps partnerships grow; supports infrastructure projects; and fosters flexibility and consistency.



REDI Program

The \$5 million [Regional Energy Democracy Initiative \(REDI\)](#) is a technical assistance and capacity building program intended to help communities meaningfully engage in the design and implementation of community benefits associated with DOE funded projects in Texas and Louisiana in the U.S. Gulf South region.

Through REDI, DOE aims to foster collaboration between minority serving institutions, community-based organizations, and public and private partners to design and implement community benefits that prioritize equity and climate investments.

 Applications due July 31, 2024



HUD CDBG Program

The [Community Development Block Grant \(CDBG\) Program](#) provides annual grants on a formula basis to states, cities, and counties to develop viable urban communities by providing decent housing and a suitable living environment, and by expanding economic opportunities, principally for low- and moderate-income persons.

CDBG funds may be used for the following:

- Acquisition of real property
- Relocation and demolition
- Rehabilitation of residential and non-residential structures
- Construction of public facilities and improvements, such as water and sewer facilities, streets, neighborhood centers, and the conversion of school buildings for eligible purposes
- Public services, within certain limits
- Activities relating to energy conservation and renewable energy resources
- Provision of assistance to profit-motivated businesses to carry out economic development and job creation/retention activities



Technical Assistance

The Office of Energy Efficiency and Renewable Energy offers a wide variety of technical assistance supporting energy efficiency and renewable energy. This technical assistance can include direct advice on issues or goals, tools and maps, and training.

Some technical assistance offerings include:

- [The State and Local Solution Center](#)
- [The Weatherization Assistance Program Technical Assistance Center](#)
- [Waste-to-Energy Technical Assistance for Local Governments](#)



Tax Incentives:

Domestic Content Bonus Credits

The [domestic content bonus](#) is designed to boost U.S. manufacturing, particularly in the iron and steel sectors, by providing an additional bonus credit on top of production and investment tax credits for clean energy projects.

Eligibility and Bonus Incentives

- [Production Tax Credit \(PTC\)](#) = 10% bonus.
- [Investment Tax Credit \(ITC\)](#) = up to 10% bonus (which could be as much as a 33% increase).
- Projects must meet additional criteria, such as maximum net output, construction start date, or [prevailing wage and apprenticeship requirements](#).

 Read [CEBN's Domestic Content Bonus Credits blog](#) to find out more about the program.

Tax Incentives:

Direct Pay for Clean Energy Tax Credits

With direct pay, nonprofits and state and local governments including other tax-exempt entities can benefit directly from energy tax credits in the form of direct cash payments—without finding a private-sector finance partner or waiting to apply the credit against a tax liability. This reduces the “soft costs” of installing a new solar or other clean energy project owned and [operated by a nonprofit—reducing the overall cost by 30-50%](#).

Applicable tax credits for direct pay include but are not limited to:

- Investment Tax Credit (ITC) for Energy Property (Sec. 48, pre-2025)
- Production Tax Credit (PTC) for Electricity from Renewables (Sec. 45, pre-2025)
- Clean Electricity Production Tax Credit (Sec. 45Y, 2025 onwards)
- Clean Electricity Investment Tax Credit (Sec. 48E, 2025 onwards)
- Low-Income Communities Bonus Credit (Sec. 48(e), 48E(h))
- Alternative Fuel Vehicle Refueling Property Credit (Sec. 30C)
- Credit for Qualified Commercial Clean Vehicles (Sec. 45W)
- Advanced Energy Project Credit (Sec. 48C)



Read [CEBN’s Insight into Direct Pay for Clean Energy Tax Credits blog](#) to find out more about the program.

Tax Incentives:

Low-Income Communities Bonus Credit

The [low-income communities bonus credit program](#) increases the amount of energy investment tax credits for clean-energy investments in low-income communities and on native land, as part of affordable housing developments, and benefitting low-income households. The credit is intended to boost deployment in underserved and environmental justice communities.

The bonus credit provides a 10 or 20 percentage point increase to the investment tax credit for qualified solar and wind energy facilities with a maximum net output of less than five megawatts.

Selections from Our Funding Database

Clean Bus Planning Awards

Deadline: September 30, 2024

The program reduces barriers to zero-emission bus deployment by providing school and transit bus fleets with free technical assistance to develop comprehensive and customized fleet electrification transition plans.

Rural Energy For America Program (REAP) FY23 and FY24

Deadline: September 30, 2024

Approximate funding: \$1,500 - \$1 million

The program provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements.

Science Synthesis Prize

Deadline: Ongoing

Approximate funding: \$10K each

Applicants are tasked with thoroughly analyzing the landscape of the renewable energy integration theory and practice and challenged to highlight pivotal opportunities, solutions, and areas of investment for addressing integration complications.

Discussion Questions

Funding Resources

- How familiar are you with existing federal and local clean energy funding programs, including those from DOE, other federal agencies, and state or private foundations?
- What resources do you currently have access to and what do you lack to apply for funding?
- What barriers have you faced in accessing funding?

Other Clean Energy Questions

- What are the top clean energy priorities for your community and what do you need most to advance these goals?
- How can the federal government better support your region in achieving its clean energy goals?

Next Steps

- What actionable steps can we collectively take away from today's discussion to help your region access clean energy funding and implement projects effectively?

Contact Us



- Lynn Abramson, President: labramson@cebn.org
- Awa Darboe, Associate, Outreach and Stakeholder Engagement: adarboe@cebn.org



- Salem Habte, Workforce and Entrepreneurship Manager: shabte@gnoinc.org