



U.S. DEPARTMENT OF
ENERGY

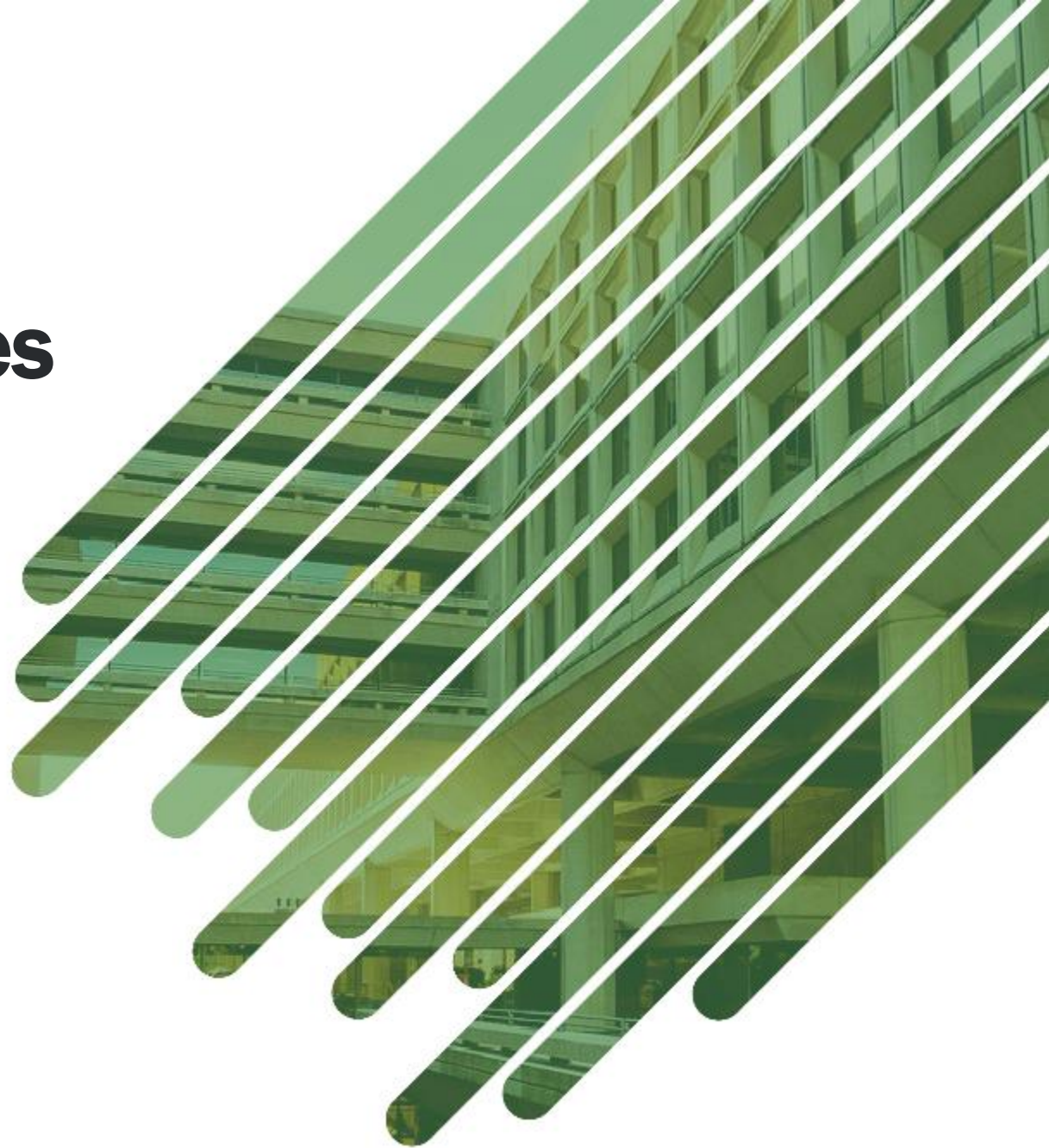
DOE Funding Opportunities

Infrastructure & Resilience Activator Series:
Energy Use & Energy Efficiency

November 4, 2022

SCEP

STATE & COMMUNITY ENERGY PROGRAMS



Our Mission and Priorities

The Office of State and Community Energy Programs (SCEP) was established in January 2022 and is responsible for managing a portfolio of **nearly \$16 billion** in funding from the Bipartisan Infrastructure Law (BIL), Inflation Reduction Act (IRA), and annual appropriations.

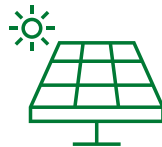
Our goal is to extend the capabilities of states, tribes, local governments, schools, and community-serving organizations to **implement high-impact, self-sustaining clean energy projects** that center the needs of low-income and Disadvantaged Communities (DACs), and tangibly improve the lives of their citizens.

SCEP will do this through the disbursement of **formula grants, competitive awards, consumer rebates, and technical assistance.**

SCEP Strategic Priorities



Center equity and deliver on J40 priorities



Deploy clean energy technologies



Catalyze local economic development



Create jobs



Avoid pollution through place-based strategies



Reduce energy costs

Energy Efficiency and Conservation Block Grant (EECBG) Program



EECBG Program Purpose & Eligible Entities

\$550 Million: Sec. 40552 of the Infrastructure Investment and Jobs Act (IIJA) for EECBG Program

- EECBG established under section 542(a) of the Energy Independence and Security Act (EISA) of 2007, which outlines who is eligible for funding and how funds can be used

Program Purpose: support eligible entities in

- **Reducing fossil fuel emissions** in a manner that is environmentally sustainable and maximizes benefits to communities
- **Reducing their total energy use**
- **Improving energy efficiency** in the transportation, building, and other relevant sectors

Local Governments

Alternative 1

- Cities with populations of at least 35,000 or in the top 10 highest populated cities in the state
- Counties with populations of at least 200,000 or in the top 10 highest populated counties in the state

Alternative 2

- Cities with populations of at least 50,000 or counties with populations at least 200,000

States & Territories

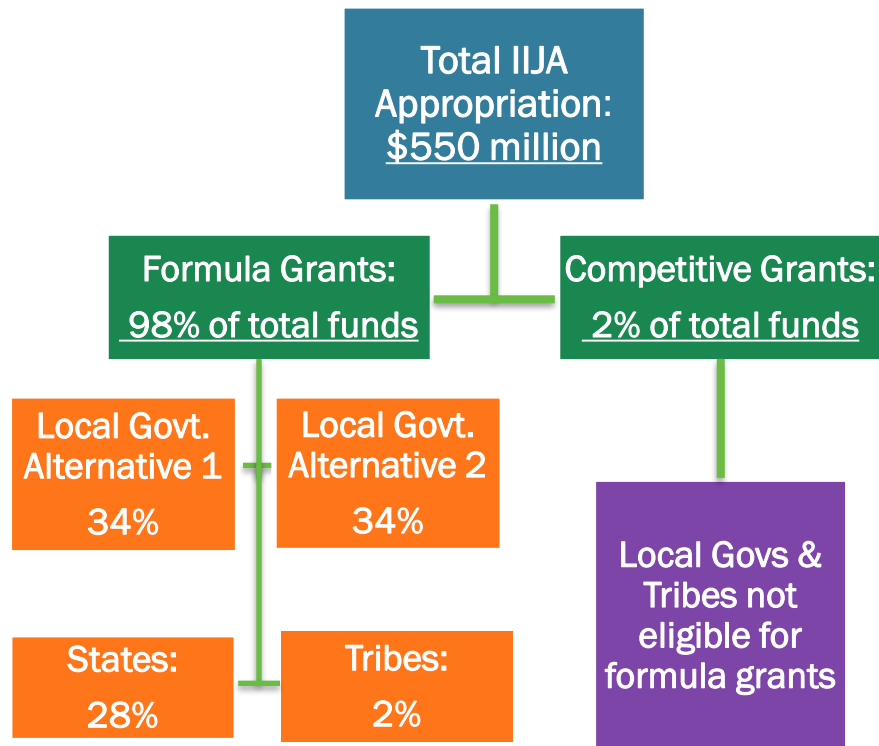
- States, the District of Columbia, the Commonwealth of Puerto Rico, and any other territory or possession of the U.S.

Tribes

- Indian Tribes, per section 4 of the Indian Self-Determination and Education Assistance Act

EECBG Program Distribution and Eligible Uses of Funds

Distribution of Funding to Eligible Entities*



*Distribution does not reflect DOE technical assistance allocations to be determined before distributing remaining funds to eligible entities.

Eligible Uses of Funds

1. Strategy Development
2. Technical Consultant Services
3. Building Energy Audits
4. Financial Incentive Programs
5. Energy Efficiency Retrofits
6. Energy Efficiency and Conservation Programs for Buildings and Facilities
7. Development and Implementation of Transportation Programs
8. Building Codes and Inspections
9. Energy Distribution Technologies for Energy Efficiency
10. Material Conservation Programs
11. Reduction and Capture of Methane and Greenhouse Gases
12. Traffic Signals and Street Lighting
13. Renewable Energy Technologies on Government Buildings
14. Programs for Financing, Purchasing, and Installing Energy Efficiency, Renewable Energy, and Zero-Emission Transportation (and associated infrastructure) Measures
15. Any Other Appropriate Activity

← New activity added by IJA

EECBG Program Recovery Act Take-aways & 2015 National Evaluation*

- Grantees: provided funding to 2,300 grantees
- Investment: represented the **largest nationwide direct investment in energy efficiency and renewable energy technologies** at the community level in U.S. history
- Cost Savings: **\$5.2 billion** in total lifetime cost savings
- Social Cost Savings: **\$1.8 billion** in social costs avoided due to program-induced reductions in carbon emissions
- Energy Savings: **409 MMBtu** in lifetime energy savings
- Job Creation: **62,900 direct, indirect, or induced jobs** created or retained, which is equal to about **one job per \$36,000** in EECBG dollars invested
- Avoided Carbon Emissions: **25.7 million metric tons** of carbon equivalent avoided due to energy savings and renewable generation
- Cost Effectiveness: **\$1.76 in bill savings** received by program participants over the lifetime of the measures installed for every EECBG dollar spent

*[The EECBG National Evaluation](#) is an independent third-party, peer-reviewed evaluation of the principal outcomes achieved by the Recovery Act EECBG Program in terms of (1) energy and cost savings, (2) gross carbon emissions reduction, and (3) direct and indirect job creation. The evaluation examines outcomes achieved during the 2009 through 2015 program years for a subset of recipients implementing broad program types that, in combination, represented approximately 80% of EECBG Program funding.

Stay Connected with the EECBG Program

- **Watch for EECBG Program updates, coming later in 2022 and 2023:**

<https://www.energy.gov/eere/wipo/energy-efficiency-and-conservation-block-grant-program-bipartisan-infrastructure-law-2021>

- Allocation formulas published in the Federal Register in June 2022
 - [Notice of Availability: https://www.federalregister.gov/d/2022-13859](https://www.federalregister.gov/d/2022-13859)
- Information on program design and implementation
- Allocation amounts for eligible entities
- Funding opportunity for formula awards
- Competitive program information

- **Find IJA Program Updates:**

<https://www.energy.gov/bil/bipartisan-infrastructure-law-homepage>

- **Contact the EECBG Program Team or DOE's Regional Specialists:**

- eecbg@hq.doe.gov
- DL-RegionalSpecialists@hq.doe.gov

The screenshot displays the DOE Bipartisan Infrastructure Law website. At the top, there are three main navigation links: 'DOE Bipartisan Infrastructure Law Funding Opportunities', 'Fact Sheet', and 'Frequently Asked Questions'. Below this, a section titled 'Delivering for American Workers, Families, and Ushering in the Clean Energy Future' provides an overview of the program. A video player shows a woman speaking, with the text 'Bipartisan Infrastructure Law in 60 Seconds (Monthly Update)' and 'ENERGY.GOV/BIL'. An 'Email Updates' section includes a form to enter an email address. A 'News' section features three articles with 'U.S. DEPARTMENT OF ENERGY' logos, detailing recent announcements. At the bottom, a 'Learn More' section offers detailed information about the programs.

Local Government Energy Program (LGEP) & Energy Future Grants



New Community Energy Programs

Program Name	FY22 Funding Appropriation ¹	FY23 HEWD Bill ²	Eligible Entities	Description
Local Government Energy Program	\$10 million “Local Government Clean Energy Workforce Program”	\$25 million “Local Government Energy Program”	local governments and Tribal Nations, with a focus on energy communities and disadvantaged or small-to-medium jurisdictions	Competitive awards, on-site capacity, peer exchanges, and technical assistance to support transformative clean energy programs
Energy Future Grants*	\$20 million	\$102 million	Community-led projects in partnership with state, local, Tribal entities	Financial and technical assistance to support community energy needs

To receive local government updates, subscribe to the *State and Local Spotlight* newsletter:

www.energy.gov/eere/slsc/listings/state-and-local-spotlight-newsletters

¹ 117th Congress. [Senate Report Number 117-36](#). “Energy and Water Development Appropriations Bill, 2022.” August 4, 2021. p. 90.

² 117th Congress. House Report. “Energy and Water Development Appropriations Bill, 2023.” July 20, 2022.

* 117th Congress. [Joint Explanatory Statement](#). March 2022. p. 47

U.S. DEPARTMENT OF
ENERGY

Office of
**ENERGY EFFICIENCY &
RENEWABLE ENERGY**

Tools and Resources to Support Local Governments



Current Public Sector Initiatives



Sustainable Wastewater Infrastructure of the Future (SWIFt) Initiative

Goal: a voluntary partnership with a goal to engage **300** water resource recovery facilities (WRRFs) that will work with DOE to achieve **5% short-term** and **25% long-term** facility-wide energy savings and implement one next-generation technology (e.g., renewable energy or resource recovery).

Progress: as of August 2022, **111 signatory partners** that represent **256 wastewater facilities** across **40 states**. These facilities serve over 25 million people (8% of nation's population) and treat over 4 billion gallons of wastewater daily.

Results: the SWIFt Toolkit helped more than 70 SWIFt Phase 1 (2016-2019) partner facilities cumulatively achieve almost **7% (131 million kWh)** in energy savings and put plans in place for **30% long-term** energy savings.



Sustainable Corrections Infrastructure Partnership (SCIP) Accelerator

Goal: a voluntary partnership with public departments of corrections working with DOE over three years to achieve **portfolio-wide energy savings of 20%** and create replicable solutions to catalyze energy resilience.

Progress: as of July 2022, **17 partners** (16 states and one county) that represent almost **30%** of state correctional facilities.

Current Public Sector Initiatives Cont.



Better Buildings Challenge (BBC)

WIP's 75+ state, local government, and K-12 school district partners have committed to an energy savings goal of 20% across their portfolio within 10 years



DOLLARS SAVED
\$1.3 BILLION



ENERGY SAVED
133 TRILLION BTUS



WATER SAVED
2.4 BILLION GALLONS



GOAL ACHIEVERS
25 PUBLIC-SECTOR PARTNERS

Cumulative public-sector partner achievement since 2011

Better Climate Challenge (BCC)

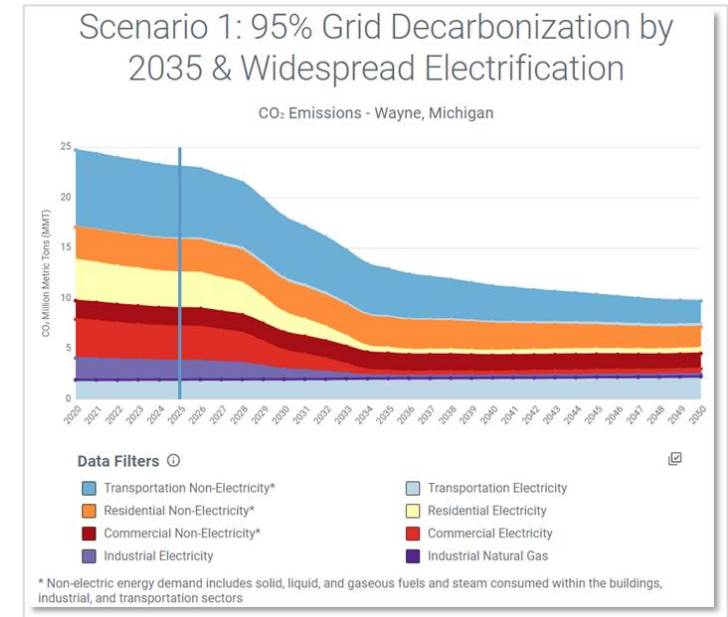
- Launched by DOE in February of 2022 as a new engagement pathway for Better Buildings
- **Goal:** Through the BCC, organizations can partner with DOE to **reduce portfolio wide GHG emissions by at least 50% within 10 years**. DOE will provide technical assistance and opportunities to learn and share actionable best practices for carbon reduction
- **Progress:** As of August 2022, BCC has 21 public-sector partners (one state, 17 local government, and three K-12 school district partners)

Spotlight on Popular Tools and Resources

State and Local Planning for Energy (SLOPE) Platform

The State and Local Planning for Energy (SLOPE) Platform is a free, easy-to-use online platform to support data-driven state and local energy and decarbonization planning. Platform features include:

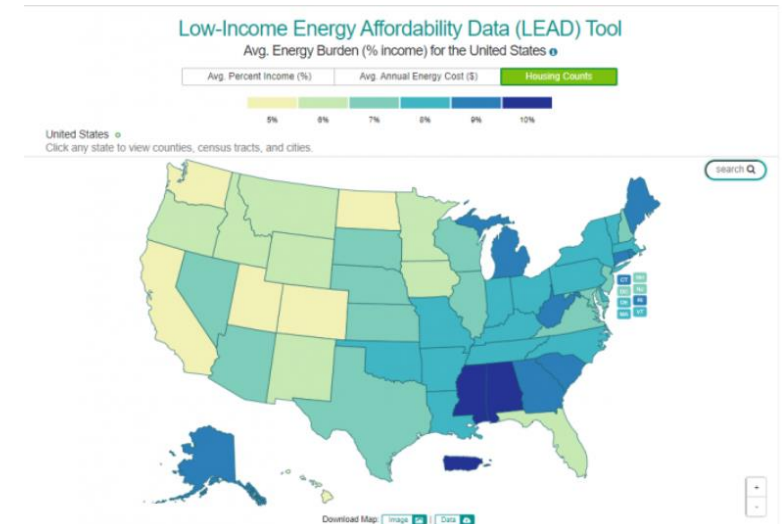
- **Scenario Planner:** A ground-breaking planning tool that visualizes scenarios for future energy consumption, CO₂ emissions, and system costs of a selected county or state.
- **Data Viewer:** new energy and environmental justice data layers (e.g., energy burden) and energy efficiency savings potential.



Low-Income Energy Affordability Data (LEAD) Tool

A web-based interactive tool that enables stakeholders to visualize energy burden and housing characteristics across the U.S.

- Provides customizable data, maps, and charts available at the national, state, city, and census tract level for all 50 states plus Puerto Rico and Washington, D.C.



Stay Connected to the State and Local Solution Center

Outreach

State and Local Spotlight

Monthly newsletter with more than 33,000 subscribers

State and Local Solution Center

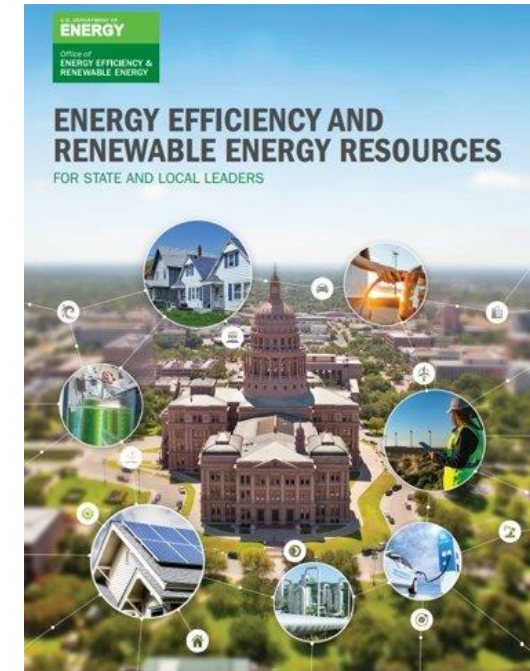
More than 400 tools, resources, and best practices

State and Local Inbox

We are committed to a three-business-day-or-less response time for all state, local government, and K-12 school district inquiries

Better Buildings Webinars

Webinars reviewing the most pressing topics for energy professionals to save resources



Subscribe:

<http://energy.gov/eere/slsc>

Contact Us:

stateandlocal@ee.doe.gov

Download our Resource Guide:

<https://energy.gov/sites/default/files/2022-05/wip-state-local-resource-guide-2022.pdf>

