



# SCEP

STATE & COMMUNITY ENERGY PROGRAMS

## Introduction to the Office of State and Community Energy Programs

**U.S. Department of Energy**

Dr. Henry McKoy, Director

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"Implementing the Inflation Reduction Act and Infrastructure Investment  
and Jobs Act" Briefing Series  
Environmental and Energy Study Institute  
Rayburn House Office Building, Washington DC  
March 9, 2023



The Office of State and Community Energy Programs (SCEP) is part of a concerted effort at the U.S. Department of Energy to expand the capabilities of states, local, and tribal communities to bring to life high-impact, self sustaining clean energy transformations.

# About the Office of the Under Secretary for Infrastructure

- New office created February 2022
- Received approximately 90% of the BIL/IIJA and IRA funding
- Responsible for coordinating all DOE infrastructure implementation activities
- The Office of State and Community Energy Programs (SCEP) is part of this organization



# Mission

Catalyzing the nation's equitable transition to a clean, secure, affordable, and resilient energy system



Lowering energy bills  
for households and  
businesses



Creating good jobs  
and boosting energy  
supply chains and  
domestic  
manufacturing



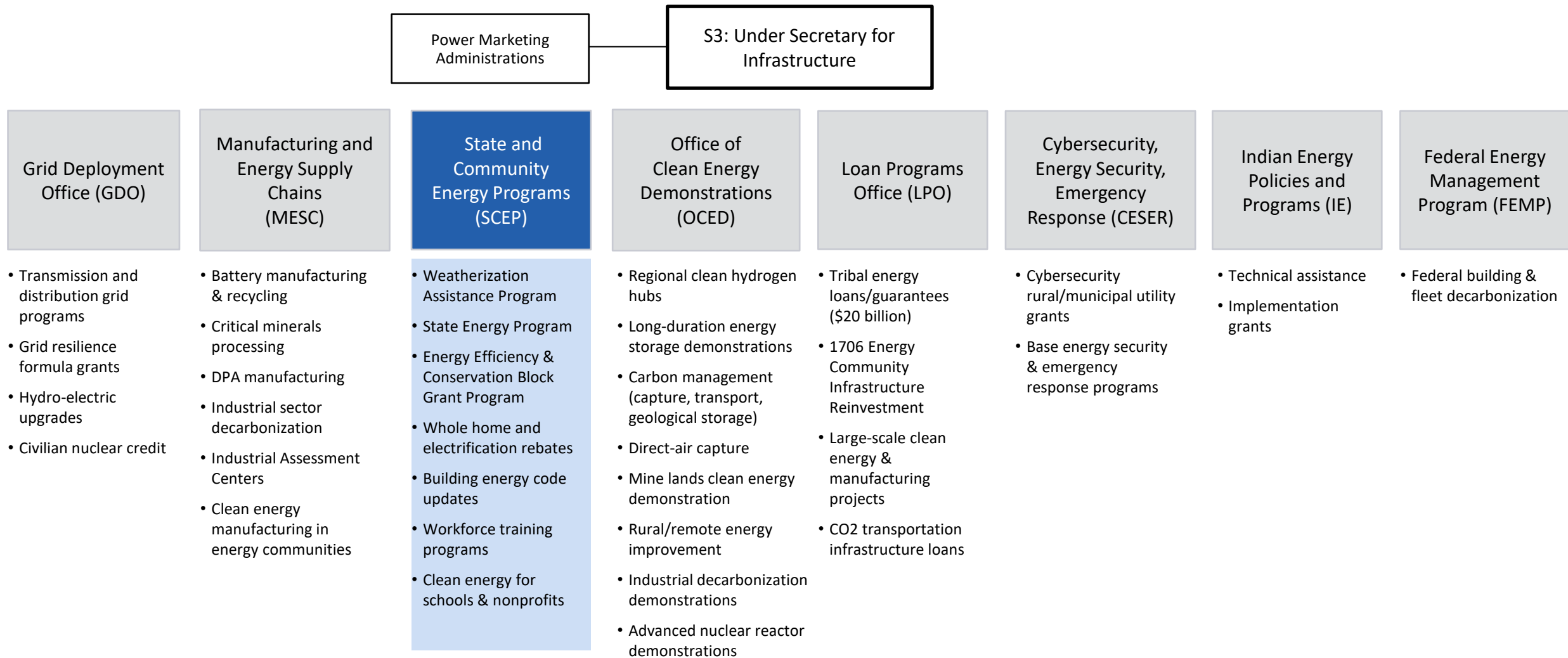
Advancing world-class,  
next-generation clean  
energy technology  
demonstrations



Making the energy  
system more secure,  
reliable, and resilient



# The Office of the Under Secretary for Infrastructure



SCEP's Mission and Strategic Priorities are carried out through a place-based approach.

# SCEP's Strategic Priorities

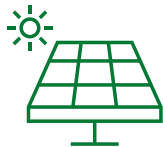
## Whole Greater Than Sum of its Parts

SCEP extends the capacity and 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.

SCEP does this through the management and oversight of \$16 billion in formula grants, competitive grant awards, consumer rebate grants, and technical assistance.



**Prioritize  
Justice40  
Initiative**



**Deploy clean  
energy  
technologies**



**Catalyze local  
economic  
development**



**Create  
jobs and increase  
hiring**



**Avoid pollution  
through place-based  
strategies**



**Reduce energy  
costs**



# Intentional Foresight

- **Whole community approach** – Energy programs are an asset to our country and critical to a clean, sustainable, and equitable energy future.
- **Connecting cross-sector collaboration** – Encouraging partnership and cooperatives in deployment.
- **Thoughtful approach to engaging communities** – Meeting communities where they are, using creative funding mechanisms like prizes and vouchers.
- **Reducing administrative burden of applying** – Working to simplify application process, providing blueprints for communities.
- **Building blocks for success** – Communicating early and often, addressing demand, providing technical assistance, sharing success stories, connecting sectors, showcasing best practices.



## What are key SCEP programs from IIJA and IRA?

- Weatherization Assistance Program
- State Energy Program
- Home Energy Rebates Program
- Energy Efficiency and Conservation Block Grant
- Energy Efficiency Revolving Loan Fund Capitalization Grant Program
- Building Training and Assessment Centers
- Career Skills Training
- Grants for Energy Efficiency at Public Schools
- Energy Efficiency Materials Pilot Program

# BIL Provisions (Approx. \$6 Billion)



 Building Training & Assessment Centers <b>\$10M</b>	 Career Skills Training <b>\$10M</b>	 Energy Auditor Training Grant Program <b>\$40M</b>
 Energy Efficiency Materials Pilot Program <b>\$50M</b>	 Revolving Loan Fund Program <b>\$250M</b>	 EE & Conservation Block Grant Program <b>\$550M</b>
 Grants for Public School Facilities <b>\$500M</b>	 State Energy Program <b>\$500M</b>	 Weatherization Assistance Program <b>\$3.2B</b>

# Inflation Reduction Act Provisions (\$10 billion)



## Home Efficiency Rebates

To award grants to State Energy Offices to develop and implement a “HOMES” rebate program that provides rebates to homeowners and aggregators for certain whole-house energy-saving retrofits made for LMI households.

**\$4.3B**



## Home Electrification and Appliance Rebate (HEAR)

To award grants to State Energy Offices and Indian tribes for qualified electrification project rebates in low- or moderate-income households.

**\$4.5B**



## Training for Residential Energy Contractors (TREC)

To award grants to States under the State Energy Program to train and educate contractors involved in the installation of home energy efficiency and electrification improvements.

**\$200M**



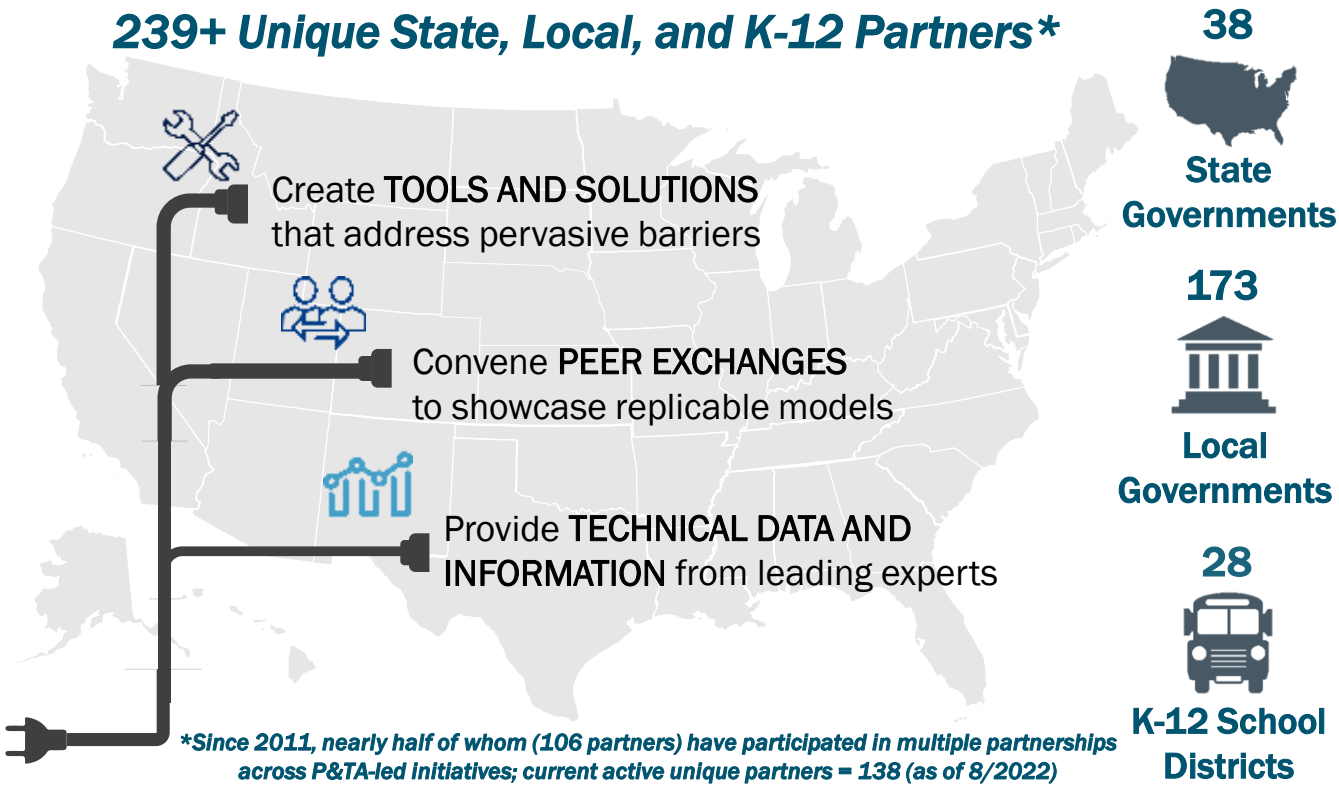
## Adoption Assistance for Building Energy Codes and Appliance Standards

To award grants to states & local governments to adopt the latest building codes or the zero energy provisions or other stretch codes for residential and commercial buildings and implement a plan to achieve full compliance with these code(s).

**\$1B**

# Technical Assistance & Partnerships (TAP)

**239+ Unique State, Local, and K-12 Partners\***



## TA Solution Pathways

 **Develop Plans and Programs**

 **Establish Financing**

 **Implement Data Management**

 **Empower Organizations**

## Cumulative Outcomes Since 2011

  
**39B kWh**  
in savings

  
**\$1.3B**  
cost savings

  
**3.3B Gal.**  
H<sub>2</sub>O saved

  
**\$2.2B**  
financing investments

## Current Major Initiatives

Better Buildings Challenge & Better Climate Challenge (public sector) • Energy Savings Performance Contracting (ESPC) Campaign (forthcoming) • Sustainable Corrections Infrastructure Partnership (SCIP) Accelerator • Sustainable Wastewater of the Future (SWIFt) Initiative

## Key Tools



Low-Income Energy Affordability Data (LEAD) Tool  
State and Local Planning for Energy (SLOPE) Platform

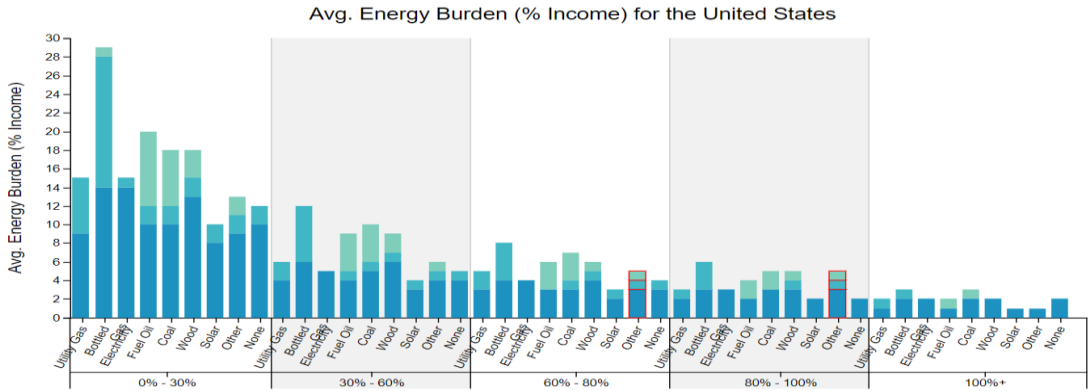
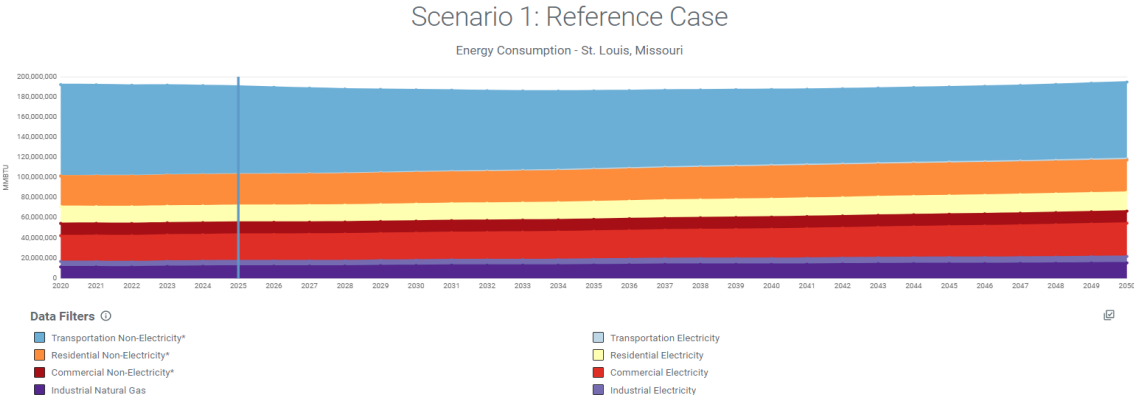
## Outreach & Resources

**State and Local Spotlight:** Monthly newsletter to 33,000+ subscribers  
**State and Local Solution Center:** Over 400 tools, resources, and best practices



# Spotlight on Popular Tools

## Two Powerful Tools to Support State and Local Governments' Planning Needs



### 1 State and Local Planning for Energy (SLOPE) Platform

SLOPE integrates over 50 leading data sources to enable users to explore untapped energy savings opportunities and identify the most cost-effective strategies to meet their clean energy and climate goals.

### 2 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.

# Funding Mechanisms Launched to Date

● ALRDs ● RFIs

## Weatherization Assistance Program

Issued Administrative and Legal Requirements Document (ALRD) for **\$3.16 billion** formula 3/30/22

## Energy Efficiency and Conservation Block Grant (EECBG) Program

Released **\$431.2 million** formula grant ALRD: 1/18/23  
Competitive RFI released 12/14/22

## Energy Efficient Materials Pilot Program, Nonprofits

Request for Information (RFI) 11/8/22

## State Energy Program

Issued ALRD for **\$425 million** formula grant, 08/22/22  
Issued ALRD to enable states to provide up to **\$200,000** toward State Energy Security Plans (SESP) 3/28/22

## Home Efficiency and Electrification Rebates

RFI currently out for comment, closes 3/3/23 Tribal consultation process in progress

## Renew America's Schools Grant

RFI 4/4/22  
NOI 10/26/22  
FOA 11/29/22

## Energy Efficiency Revolving Loan Fund Capitalization Grant Program

Issued ALRD for **\$242 million** 11/15/22

## Workforce Development Programs

RFI closed 1/26/23 and received 75 responses

## Communities Local Energy Action Program (LEAP)

24 inaugural communities selected to participate in LEAP pilot

## What are the benefits of IJA and IRA programs to communities?

- Historic investment in clean energy infrastructure in communities and eligible residential homes.
- Precipitate the creation of jobs and workforce development programs to bring more workers into the labor force.
- Holistic approach to community investment focused on mutually respected relationships, not transactional.
- Helping to create more wealth in historically disadvantaged communities.
- Creating a system that outlasts our time here.



# Home Energy Rebate Provisions



## Home Energy Rebates

SEC. 50121 & 50122

**Amount:** \$8.8 billion

**Through:** September 30, 2031

**Recipient:** State Energy Offices and tribes

**Goal:** Develop, implement, and subsidize residential energy efficiency and electrification projects in U.S. households.

Funding available to:

- Provide rebates to households, contractors, and others.
- Determine eligibility of households for rebates based on income.
- Work with trusted contractors and retailers to streamline rebate processing for households.
- Verify quality installation and document home upgrades.
- Help households bundle funds and financing to further reduce upfront costs.
- Note: Funding guidance and admin funds coming soon.



# Energy Efficiency & Conservation Block Grant (EECBG) Program

**\$550M**

*To states, local governments,  
and tribes.*

Formula and competitive grant program for state, local, and tribal governments to **implement strategies to reduce fossil fuel emissions, reduce total energy use, and improve energy efficiency**

## Grant Eligibility

### Formula Grants (\$431.2M)

- 50 states, 5 territories, and the **District of Columbia**.
- **2,708** local governments & **774** Indian tribes.

### Competitive Grants (\$8.8M)

- All other local governments & state-recognized tribes, will open in winter/spring of 2023

## Key Grant Requirements

- States must **subgrant at least 60%** of their funds to **ineligible local governments** in their state.
- All applicants must submit an **Energy Efficiency and Conservation Strategy (EECS)**.
- Local governments and tribes can opt into **vouchers** for technical assistance and/or equipment rebates.

## Eligible Activity Areas

- **Flexible** funding allows govts. to choose from diverse activities. Ex: Building audits & retrofits, EVs & EV infrastructure, community solar campaigns, renewable energy on government buildings, workforce development.
- Local governments and tribes may apply in **teams**

## Technical Assistance

- Assistance to grantees includes strategy development, Field Fellows, topic-based TA oriented around Blueprints (evidence-based strategies)

## Application Deadlines

- Pre-Award Information Sheet due **April 28, 2023**
- State applications due **July 31, 2023**
- Local and tribal government applications due **Jan. 31, 2024**

# Schools & Nonprofits Program

## Renew America's Schools Grant

- New competitive grant program for energy improvements at public school facilities
- \$500 million (\$100 million per FY 2022-26), until expended
- Individual awards may vary between \$500,000 and \$15 million

## Energy Efficiency Materials Pilot (Nonprofits)

- New competitive grant program for energy improvements at 501 (c)(3) for use in a building they own and operate
- \$50 million, in FY 2022, available until expended
- Each grant not to exceed \$200,000

	Schools Program	Nonprofits Program
Current Funding Opportunities	Schools FOA-0002756 currently open. Concept Papers were due 1/26/23, we received unprecedented demand (more details next slide). Full applications are due 4/21/23.	Currently in program design. Anticipated FOA to release in May 2023.
Future Announcements	First round of FOA awardees to be announced late June 2023.	NOI to be published in April 2023.
Point of Contact	Sarah Zaleski - Sarah.Zaleski@hq.doe.gov	
Staffing Plans	Currently have four FTEs and two fellows. Working to hire two additional FTEs and one Fellow.	
Additional Information	Energy CLASS Prize applications are due 2/28/23.	

## **How is SCEP putting communities first and fulfilling the intent of Justice40 Initiative?**

President Biden's Justice40 Initiative plans to deliver 40% of the overall benefits of climate investments to disadvantaged communities and inform equitable research, development, and deployment within the DOE.

SCEP strives to advance this initiative through intentional practices to ensure states and local communities plan for and measure investments in disadvantaged communities.

# SCEP Strives to Advance DOE's Justice40 Policy Priorities

In disadvantaged communities (DACs), we support programs that:

- Decrease energy burden
- Decrease environmental exposure and burdens
- Increase parity in clean energy technology access and adoption
- Increase access to low-cost capital
- Increase clean energy enterprise creation (Minority/Disadvantaged Business Enterprise)
- Increase clean energy job pipeline and job training for individuals
- Increase energy resiliency
- Increase energy democracy.

**What's the best way to  
track IRA and IIJA  
implementation?**

# Stay Connected

Visit **energy.gov/bil** for announcements and sign up for Bipartisan Infrastructure Law email updates.

## Email Updates

To receive the latest news and updates about the BIL programs at DOE, submit your e-mail address.

GO

Visit **energy.gov/scep/slsc/all-state-local-solution-center-resources** for state and local TA resources from SCEP, as well as the Spotlight newsletter.

### WHAT ARE YOU TRYING TO ACCOMPLISH?

- ☐ Develop Plans and Programs
- ☐ Empower Organizations
- ☐ Establish Financing
- ☐ Implement Data Management

Search:

Showing 1 to 10 of 485 entries

### RESOURCE

#### Standard Energy Efficiency Data Platform (SEED) Platform

The Standard Energy Efficiency Data Platform (SEED) Platform is an open-source software application designed to manage building performance data (such as required by a benchmarking ordinance) which can be costly and time consuming for states, local governments, and other organizations. SEED helps users combine data from multiple sources, clean and validate it, and generate queries and reports.

Energy Efficiency and Renewable Energy Resources for State and Local Leaders

Sign up to receive SCEP's monthly **State and Local Spotlight newsletter** for detailed information.



Office of  
STATE AND COMMUNITY ENERGY PROGRAMS

## \$4.5 Million in Awards Available for Energy Efficiency Upgrades in Public Schools

DOE Office of State and Community Energy Programs sent this bulletin at 02/24/2023 11:17 AM EST  
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**SCEP**  
STATE & COMMUNITY ENERGY PROGRAMS

## State & Local Spotlight

February 23, 2023

### News

#### \$4.5 Million in Awards Available for Energy Efficiency Capacity Building in Public Schools



Calling all local education agencies to apply for the U.S. Department of Energy's (DOE) [Energy CLASS Prize](#). Through this prize, energy managers will receive training on ways to identify, plan, and implement energy upgrades in school facilities so students can learn in comfortable, healthy classrooms.

Watch a recording of the [Energy CLASS Prize Office Hours](#) for answers to common questions including what is required of a full application, eligibility rules, and upcoming deadlines.



# Thank you!



Questions or Comments?



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