



# SCEP

STATE & COMMUNITY ENERGY PROGRAMS

## Advancing Place-based Clean Energy Transitions

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U.S. Department of Energy

ISWG Meeting

May 18th, 2023



# Overview

- The ‘Magic Moment’
- The Evolution of DOE
- Intro to SCEP Office, programs, and opportunities
- DOE Office of Community Engagement

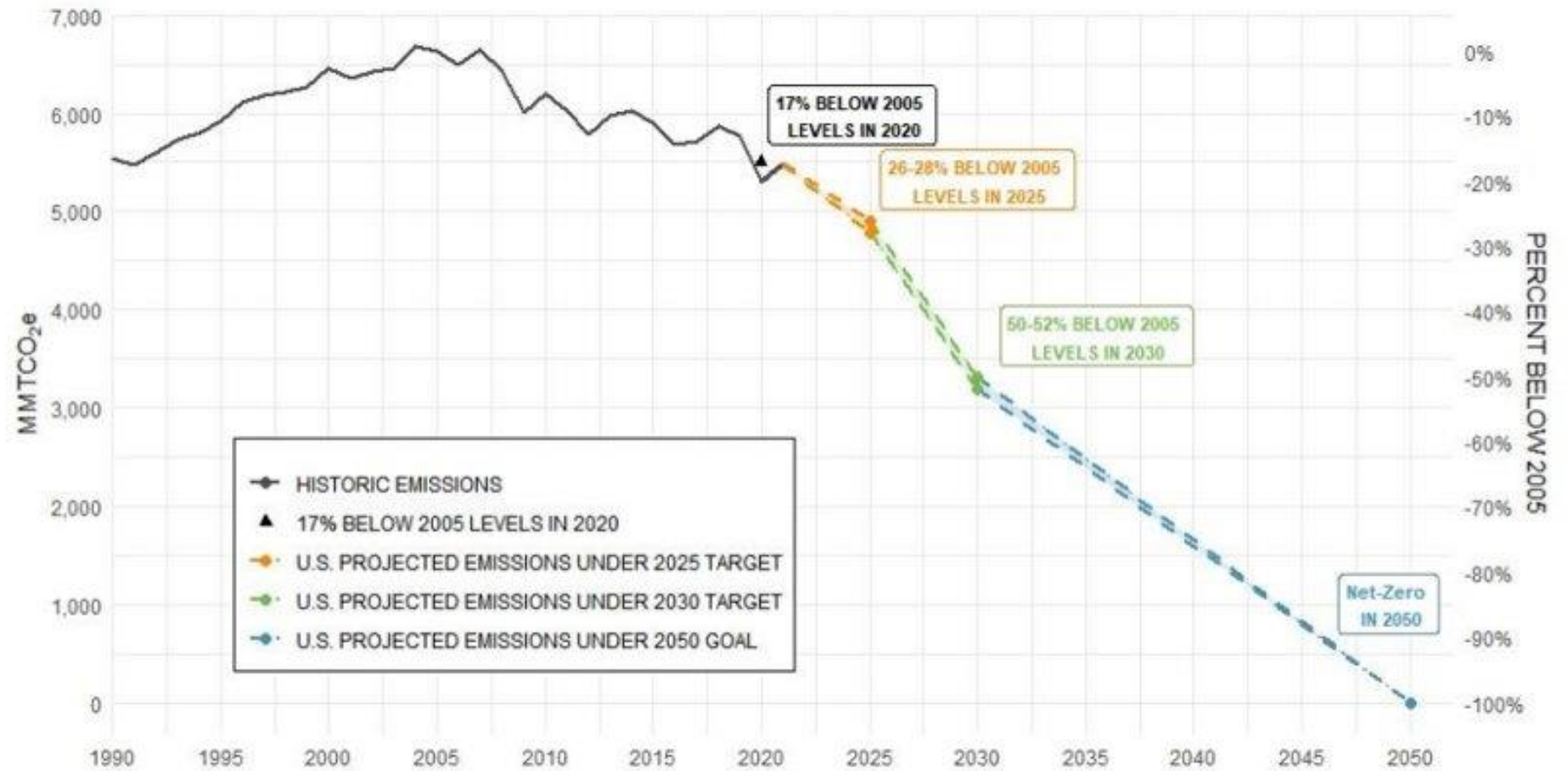


# DOE investments align with the Administration's near- and long-term climate and clean energy goals

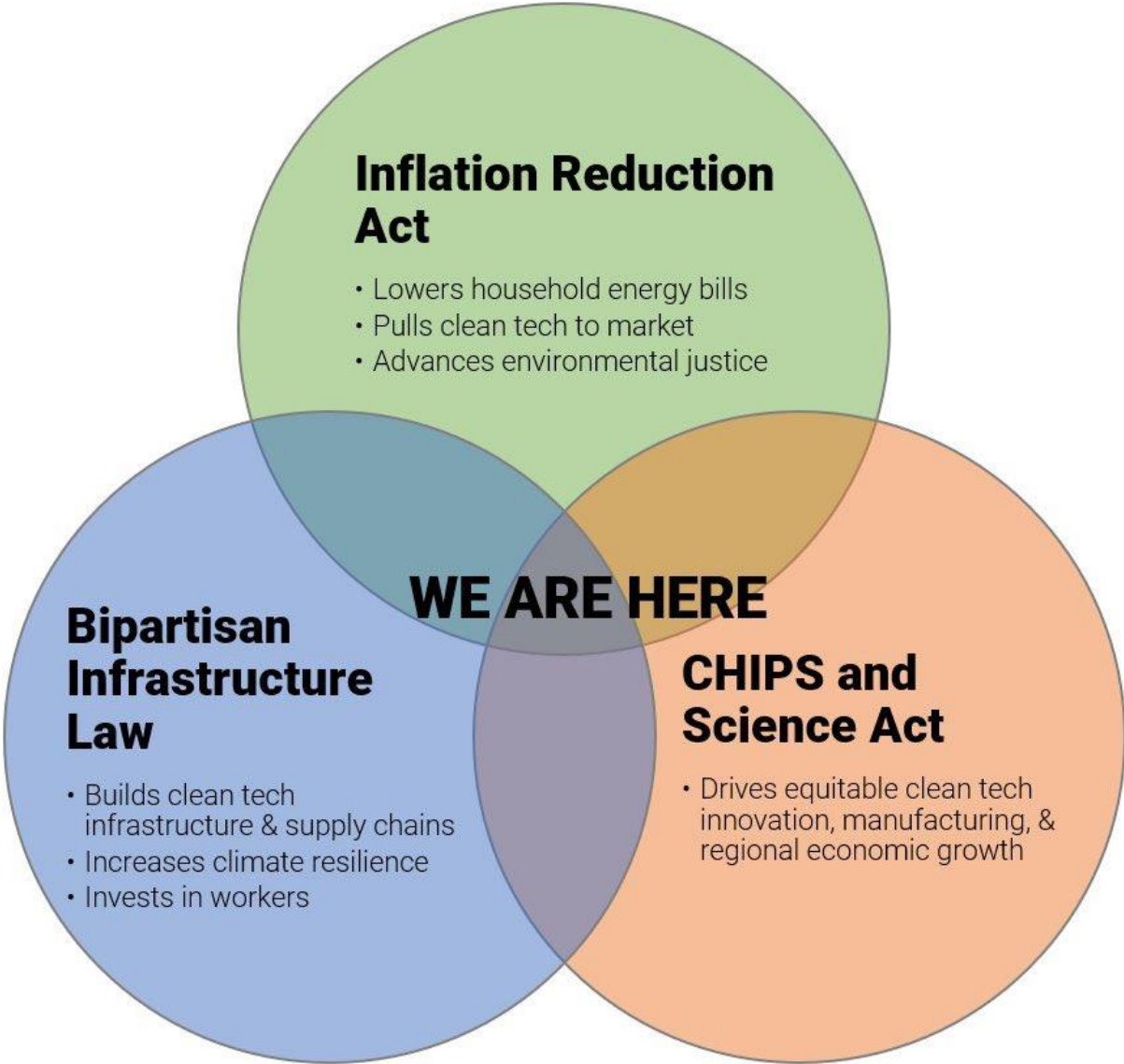
**50-52%**  
GHG reductions by  
2030

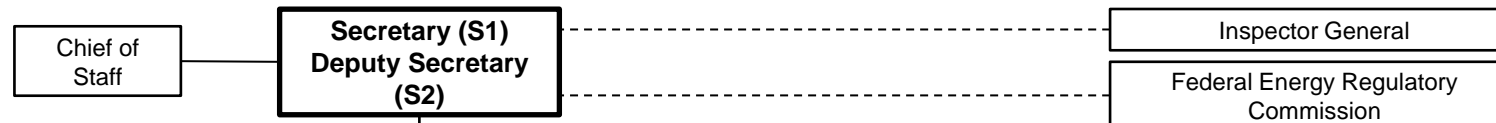
**100%**  
clean electricity by  
2035

**Net-Zero**  
emissions by  
2050

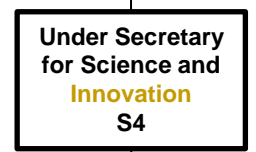
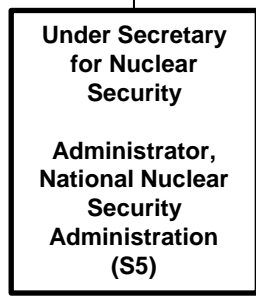
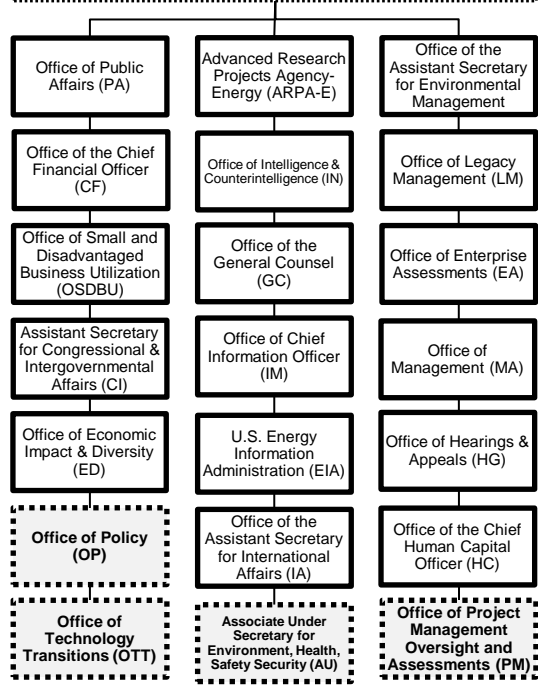


# Over \$500 billion invested in the clean energy transition

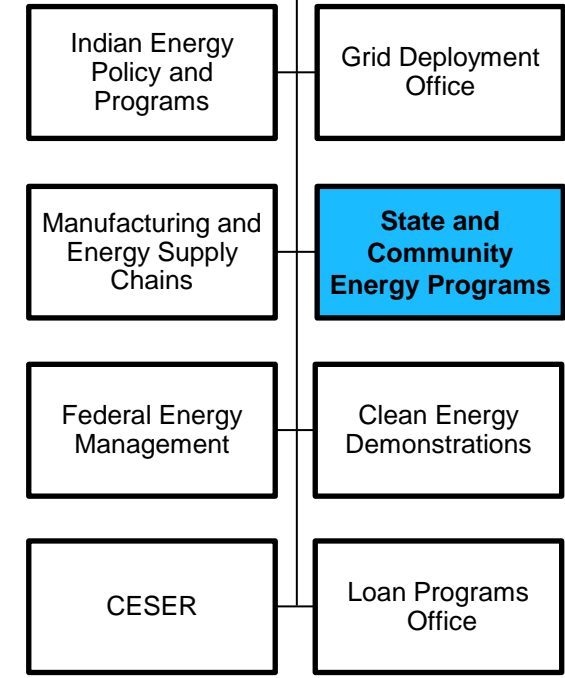
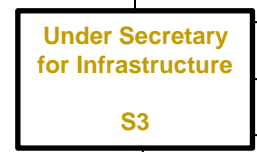
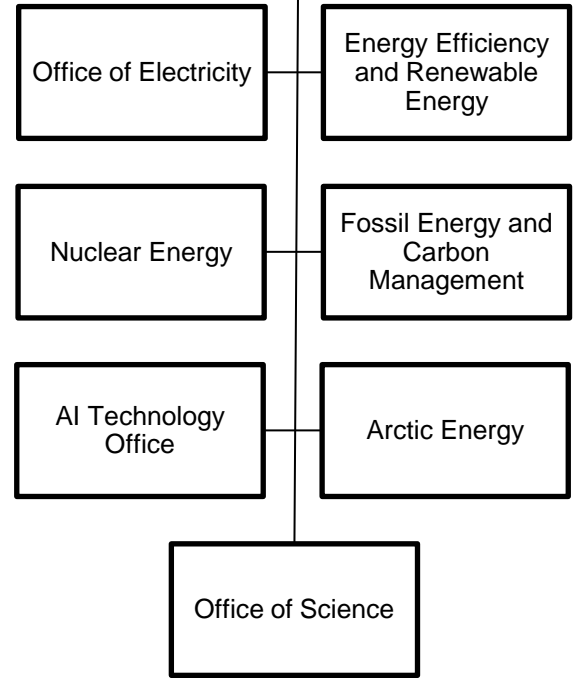




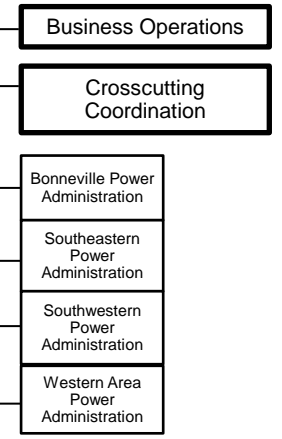
Also reporting directly to the Secretary / Deputy Secretary



**S4:** The innovation engine. Driving research and development of energy technologies, with connected demonstration and deployment activities.



**S3:** Partnering with S4 to advance clean energy and climate change technologies through large-scale demonstration projects and deployment activities.



Legend Moved to S1



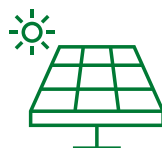
## Whole Greater than Sum of its Parts

SCEP's Mission is to partner with State, Local, and Tribal governments and community organizations to catalyze local economic development and job creation through the deployment of equitable, clean energy solutions.

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  
through place-based  
hiring



Avoid pollution  
through place-based  
strategies



Reduce  
energy costs

# 28+ Programs

# State & Community Energy Program

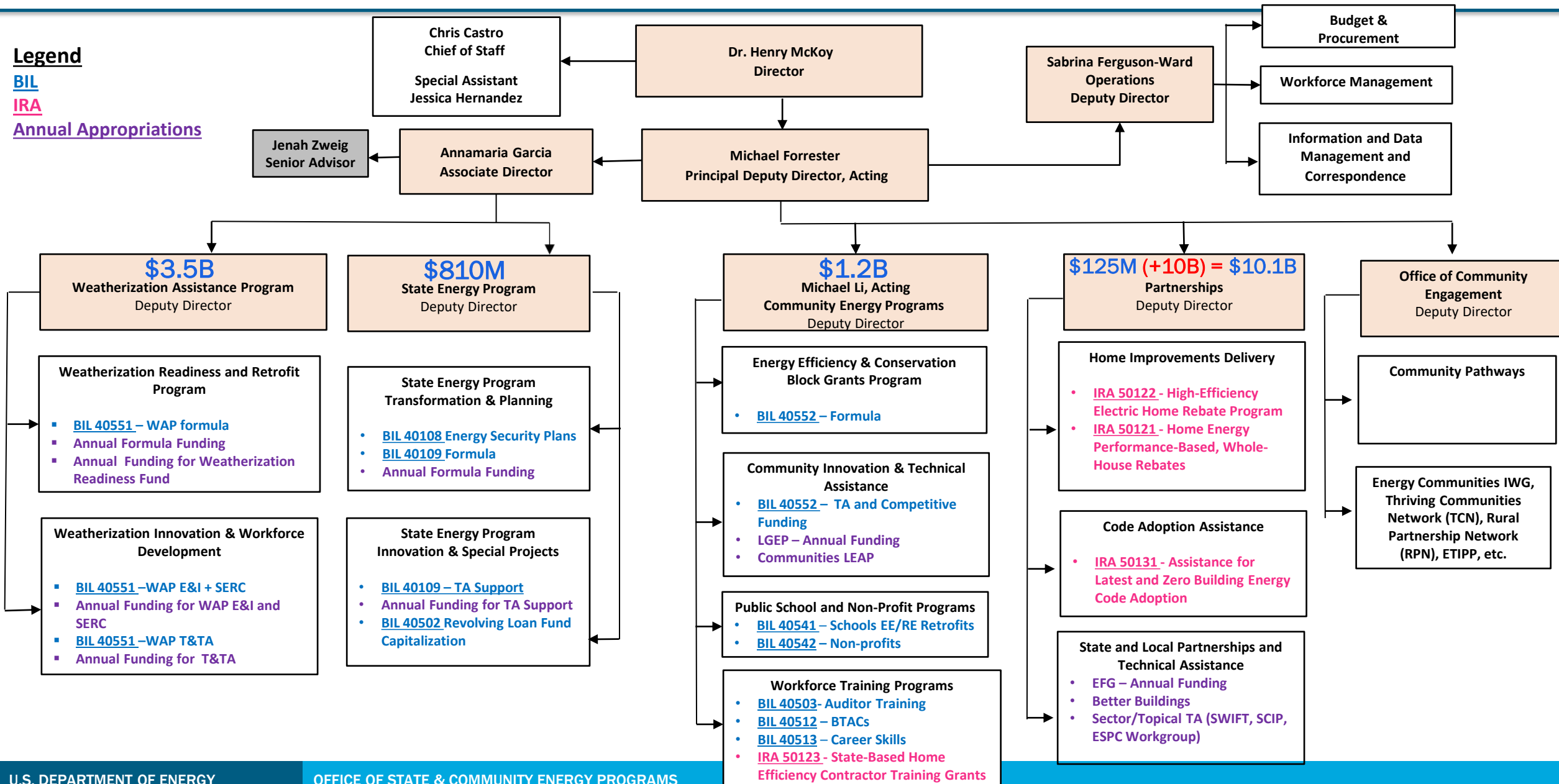
~\$6B (+\$10B) = \$16B

## Legend

BIL

IRA

Annual Appropriations



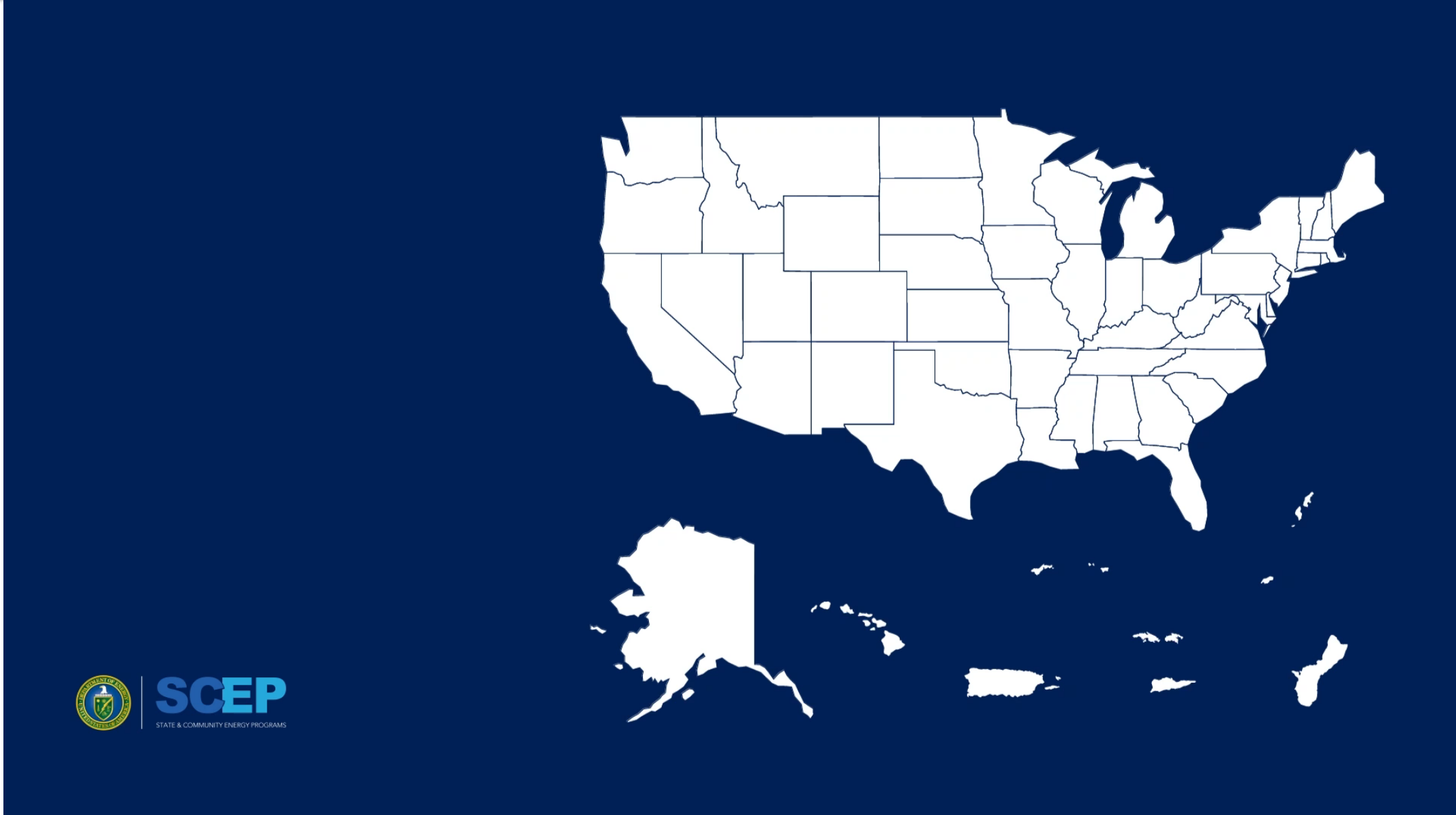
# BIL Provisions (Approx. \$6 Billion)



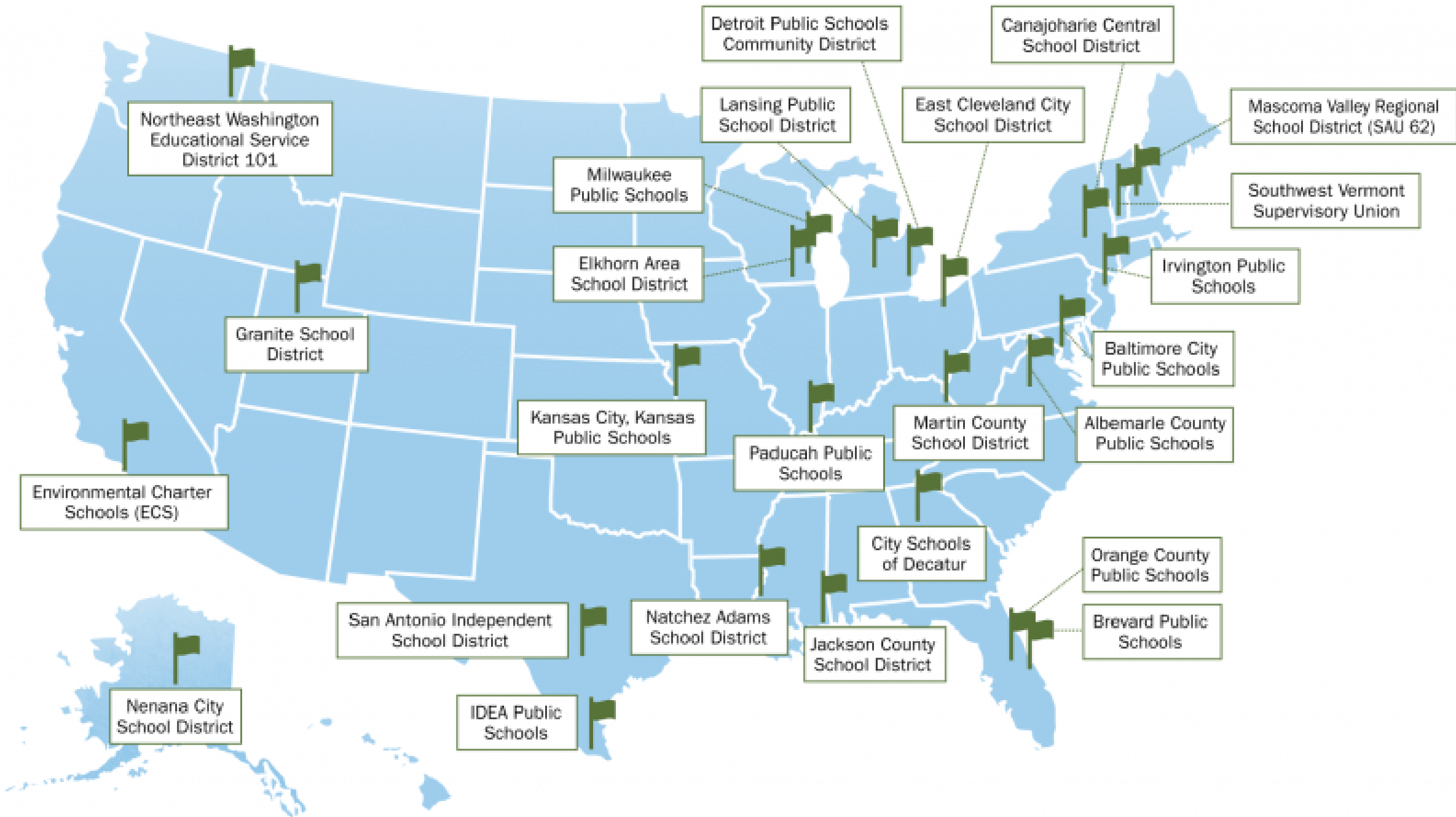
 <p>Building Training &amp; Assessment Centers <b>\$10M</b></p>	 <p>Career Skills Training <b>\$10M</b></p>	 <p>Energy Auditor Training Grant Program <b>\$40M</b></p>
 <p>Energy Efficiency Materials Pilot Program <b>\$50M</b></p>	 <p>Revolving Loan Fund Program <b>\$250M</b></p>	 <p>EE &amp; Conservation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



# EECBG Program Directly Invests in **Over 2,700 Communities** Across U.S.



**SCEP**  
STATE & COMMUNITY ENERGY PROGRAMS



# Inflation Reduction Act Provisions (\$10 billion)



## Home Energy Performance-Based, Whole House 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 Energy Efficiency Contractor Training Grants

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**



## High Efficiency Electric Home Rebate Program

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

**\$4.5B**



## Building Codes Adoption Grants

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**

# Potentially Eligible Equipment & Housing Types



IRA authorizes some type of Home Energy Rebate for the following technologies and housing types



Electric Heat Pump Clothes Dryer



Electric Heat Pump for Heat & A/C



Electric Heat Pump Water Heaters



Whole Home Air Sealing



Duct Sealing & Insulation



& Potentially Other Energy-Saving Technology!




Attic, Wall, or Foundation Insulation



Ventilation Systems



Smart, Energy-Saving Technology



Electric Panel & Wiring Upgrades



Electric Stove, Cooktop, Range, Oven



Single-Family Homes & Multifamily Buildings



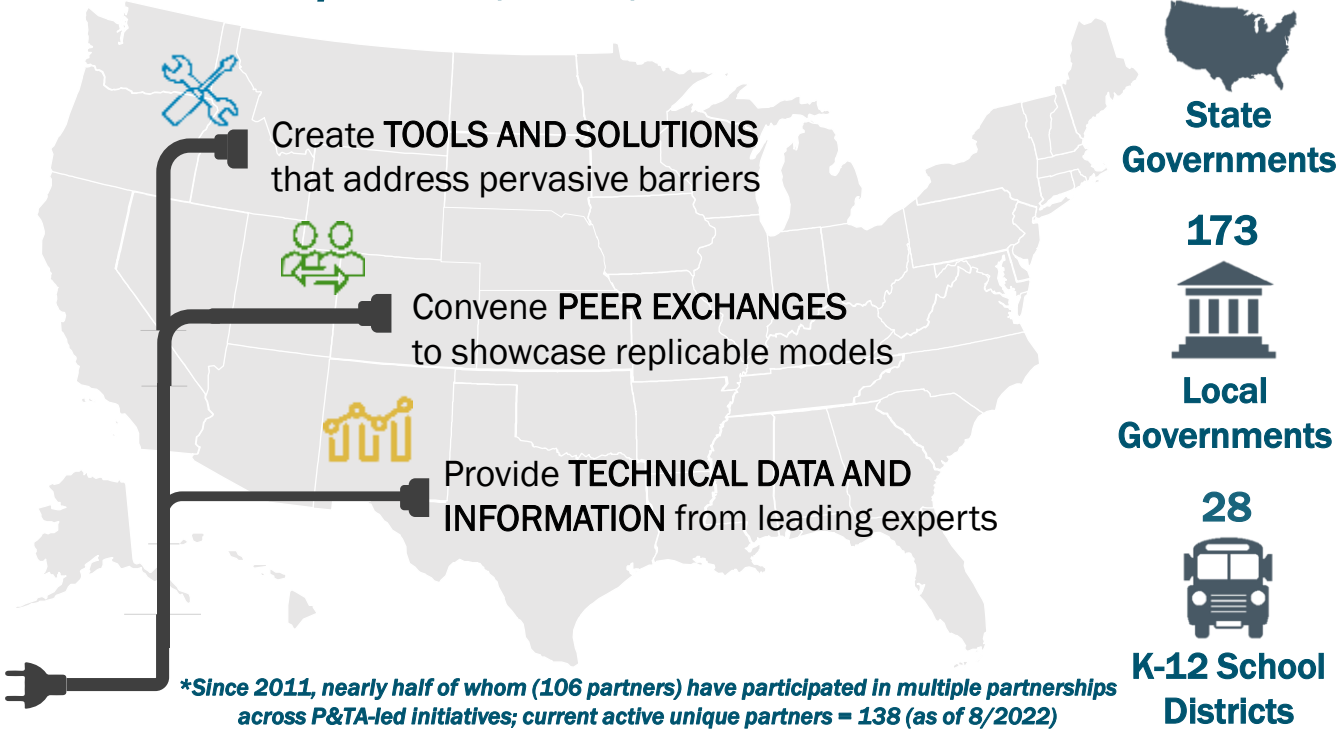
New Construction & Existing Housing Units



Owner-Occupied & Rental Properties

# Technical Assistance & Partnerships (TAP)

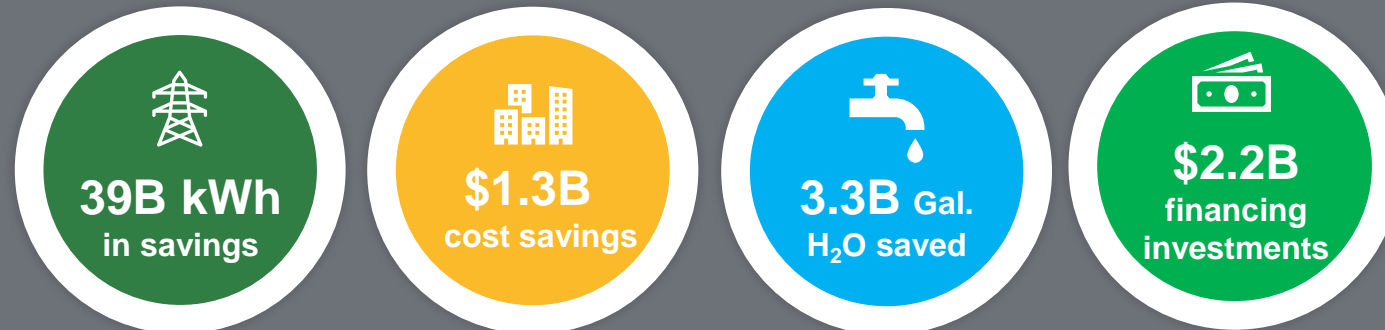
**239+ Unique State, Local, and K-12 Partners\***



## TA Solution Pathways



## Cumulative Outcomes Since 2011



## 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

**LEAD TOOL**  
Low-Income Energy Affordability Data (LEAD) Tool

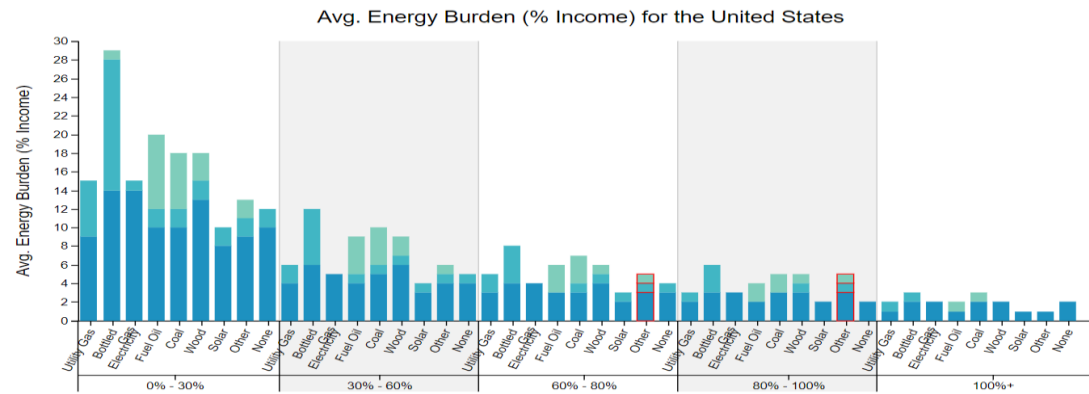
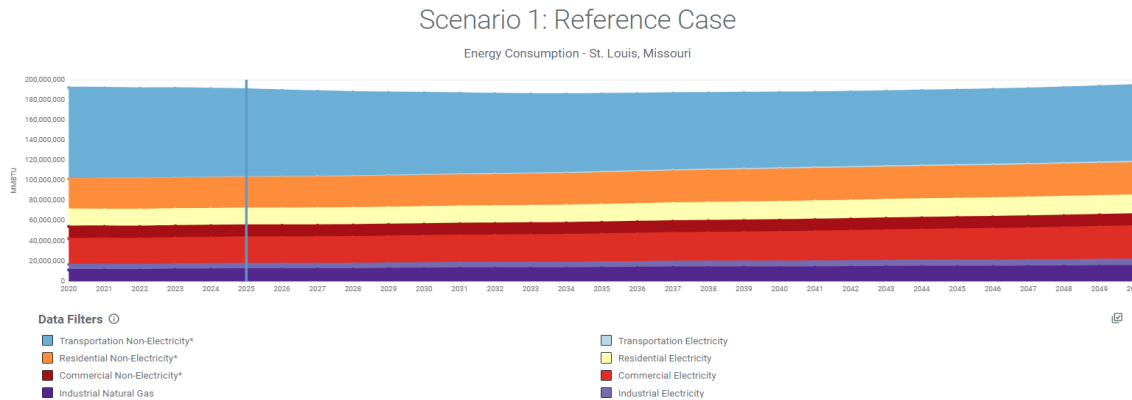
**SLOPE PLATFORM**  
State and Local Planning for Energy (SLOPE) Platform

## 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.

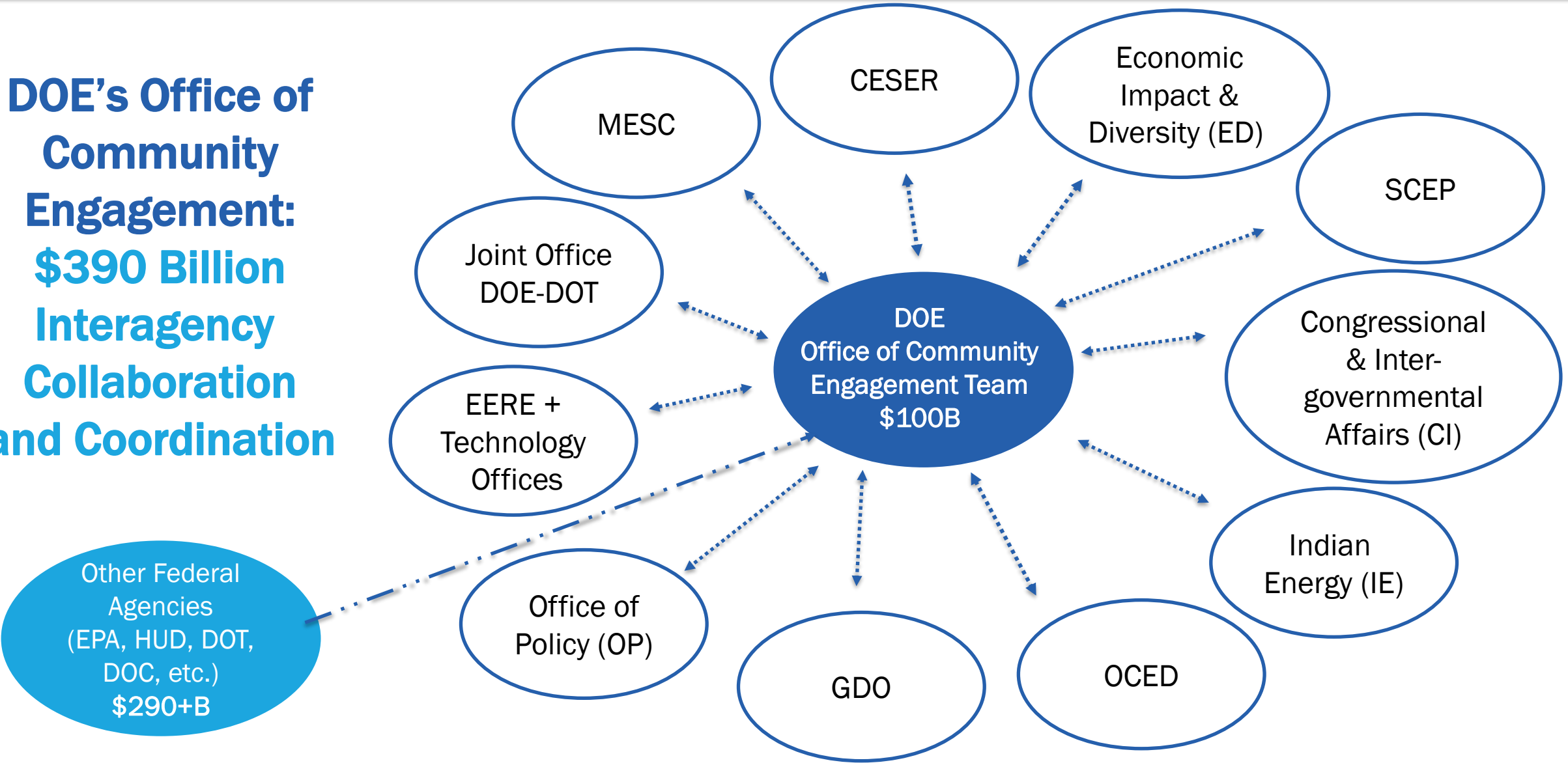
2

### 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.

# DOE Community Engagement Hub-and-Spoke Model: Powered by SCEP..owned by ALL

**DOE's Office of Community Engagement: \$390 Billion Interagency Collaboration and Coordination**





# 24 LEAP Communities



[Energy.gov/CommunitiesLEAP](https://www.energy.gov/CommunitiesLEAP)

● Environmental Justice Community  
 ● Fossil Community  
 ● Both  
 T=Tribe



# Energy Communities IWG

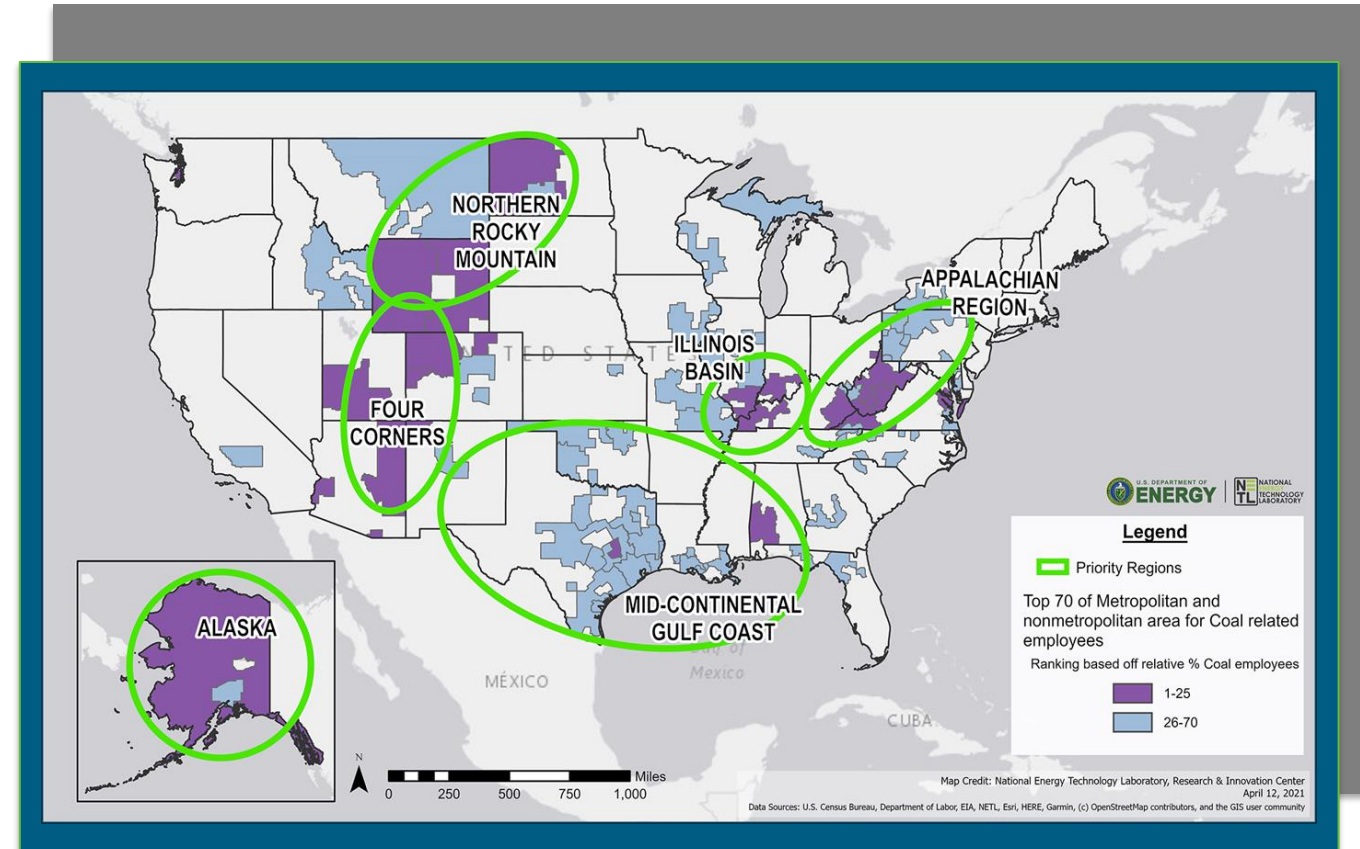
## The Interagency Working Group on Coal & Power Plant Communities

### Initial Report (April 2021)

1. Identified 25 priority Energy Communities
2. Coal communities identified as immediately challenged due to past and imminent closures
3. Planned expansion to oil & gas communities

Established a "Clearinghouse" for funding and other opportunities:  
[energycommunities.gov](https://energycommunities.gov)

“Rapid Response Teams” launched 2022



# Key takeaways

1. DOE is evolving to include “deployment” as a key part of our mission, in addition to research, development and demonstrations.
2. All federal buildings, bases, and personnel are a part of local communities – their mission is tied to local communities. We have an obligation to be a trusted partner.
3. States and communities are ramping up their efforts in the same areas federal agencies are – EE, RE, workforce development, resilience planning, etc.
4. Federal sites can partner with local communities on EE/RE projects – joint projects, joint energy manager or energy auditing trainings, microgrids that provide community resilience, resilience hubs, etc.
5. States and communities have funding, meaning lots of opportunities for co-funding
  - a. Utilities may be more willing to engage multiple customers for larger projects/collaborations
6. We’re in new territory – you’re on the front lines of exploring new partnerships. In the face of climate threats, we need these kind of creative partnerships more than ever.



# Stay Connected

Visit [energy.gov/bil](https://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.

Visit [energy.gov/scep/slsc/all-state-local-solution-center-resources](https://energy.gov/scep/slsc/all-state-local-solution-center-resources) for state and local TA resources from SCEP, as well as the Spotlight newsletter.

Showing 1 to 10 of 485 entries

WHAT ARE YOU TRYING TO ACCOMPLISH?

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

Search:

**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.

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.



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