



SCEP

STATE & COMMUNITY ENERGY PROGRAMS

Advancing Place-based Clean Energy Transitions

Chris Castro
Chief of Staff, SCEP
U.S. Department of Energy



Overview

- The ‘Magic Moment’
- The imperative around energy and climate justice
- Intro to SCEP Office, programs, and opportunities
- DOE Office of Community Engagement



Biden-Harris Administration Priorities

- The Administration knows there is **no greater challenge** facing our nation and our planet than climate change.
- We can turn the threat of climate change into an **opportunity** to:
 - Revitalize the U.S. energy and manufacturing sectors.
 - Create millions of high-quality, good paying jobs throughout the country.
 - Address historic environmental injustices and inequities.
- DOE is working to advance these goals and help the U.S. build a **100% clean energy economy** and reach **net-zero emissions** no later than 2050.

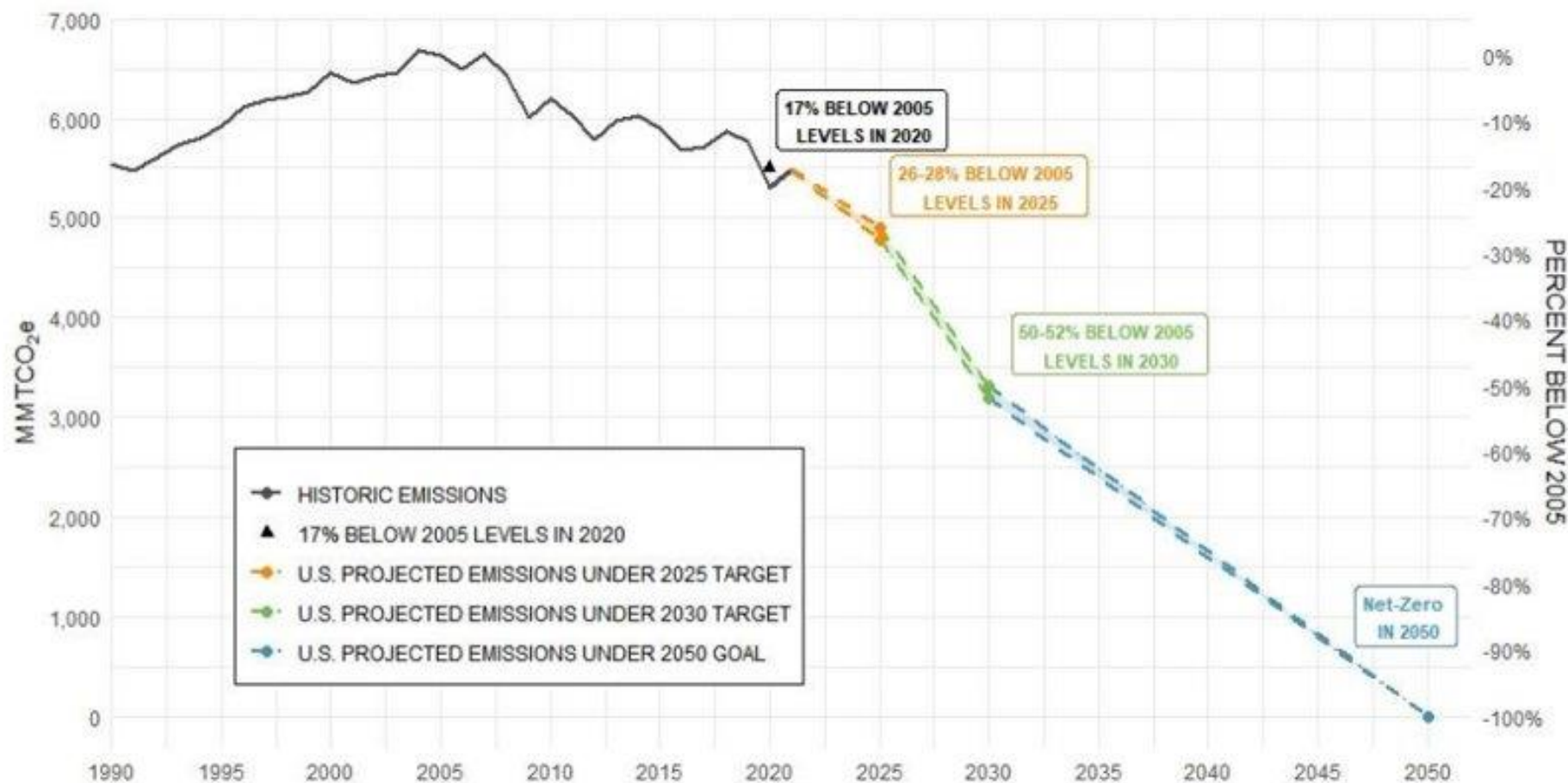


DOE investments align with the Administration's near- and long-term climate and clean energy goals

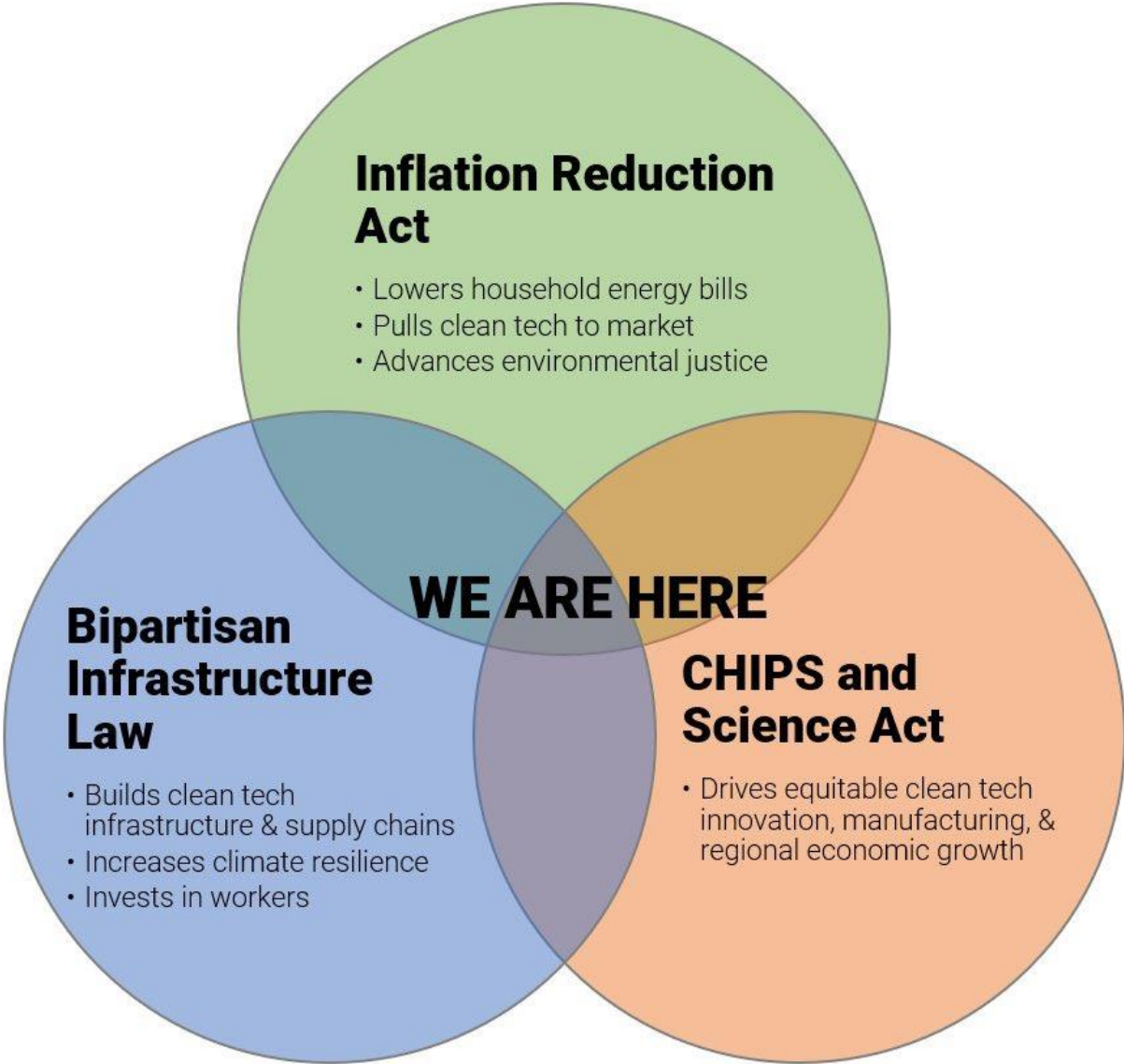
50-52%
GHG reductions by
2030

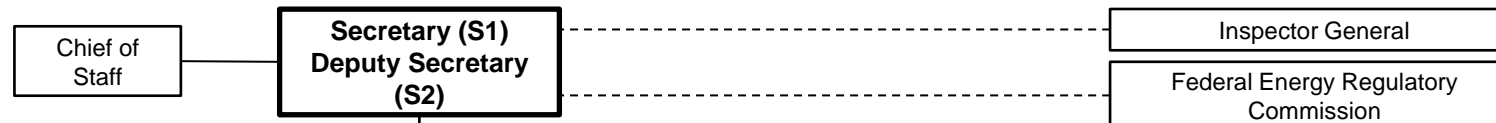
100%
clean electricity by
2035

Net-Zero
emissions by
2050

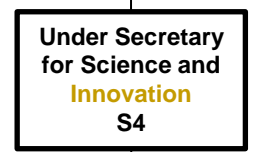
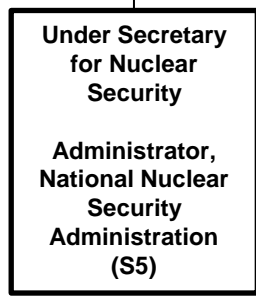
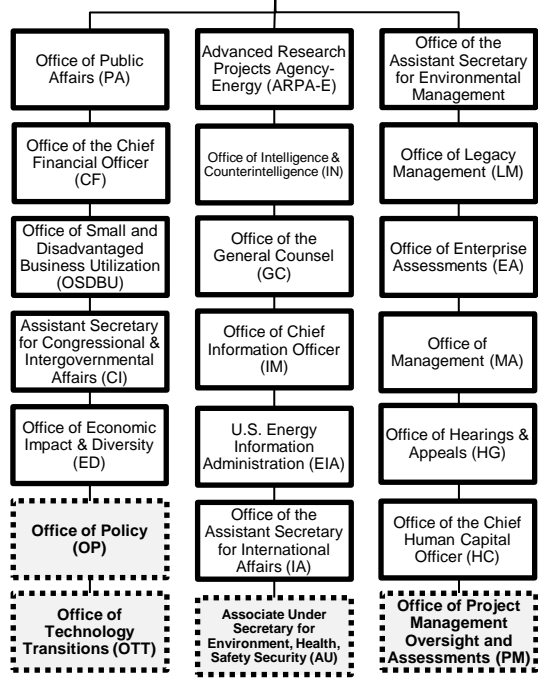


Over \$500 billion invested in the clean energy transition

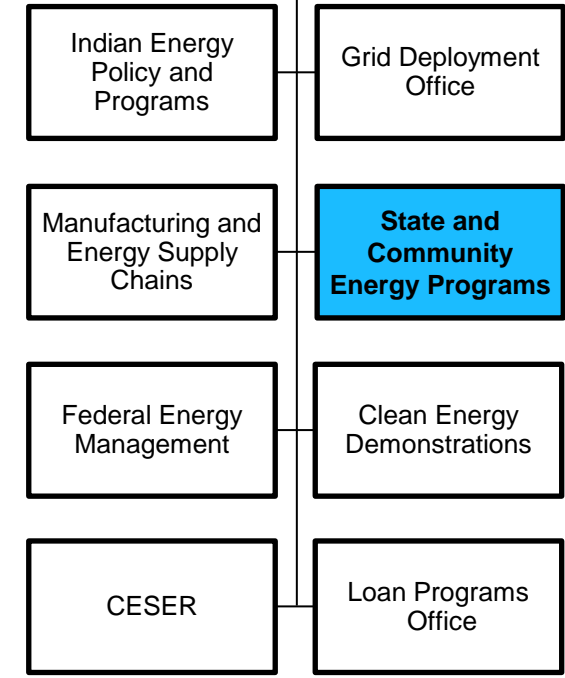
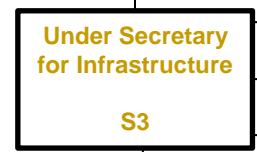
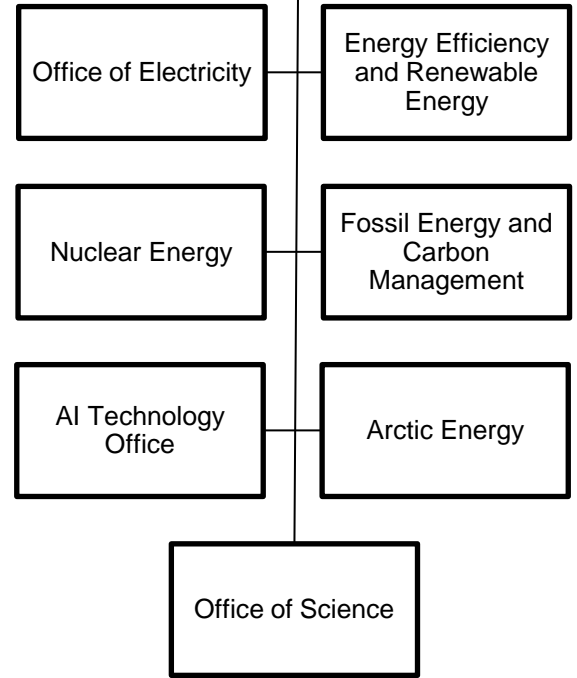




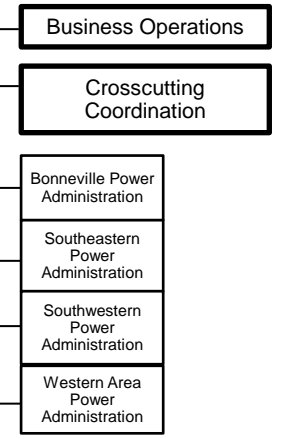
Also reporting directly to the Secretary / Deputy Secretary



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

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

SCEP's Strategic Priorities

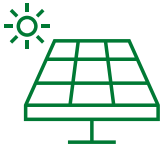
Whole Greater than Sum of its Parts

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 through place-based
hiring



Avoid pollution
through place-based
strategies



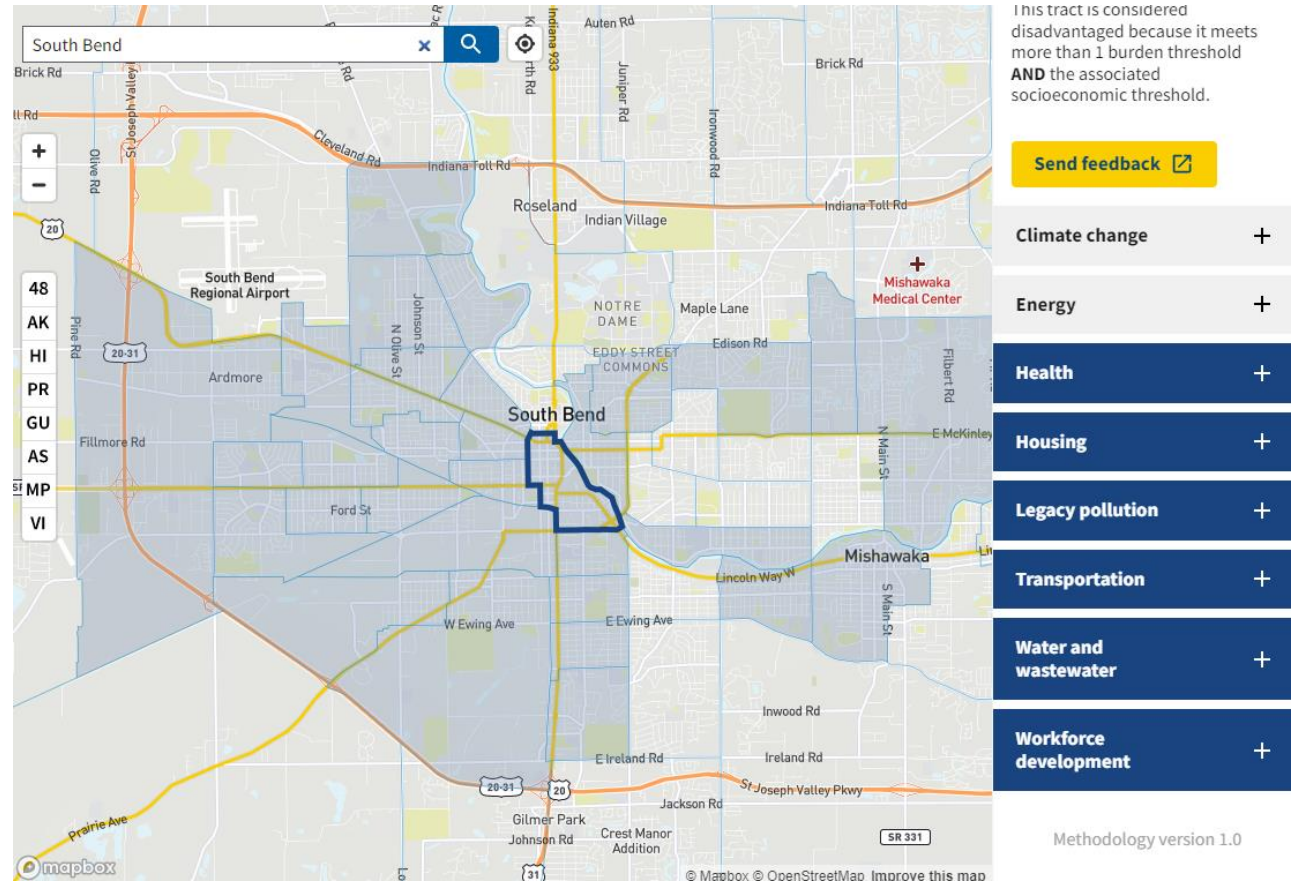
Reduce
energy costs

Justice40 & Climate and Economic Justice Screening Tools

Justice 40

The Federal Government has made it a goal that **40 percent of the overall benefits** of certain Federal investments flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution. President Biden made this historic commitment when he signed **Executive Order 14008** within days of taking office.

Source: *Climate & Economic Screening (CEJS) Tool identifies census tracts that are overburdened and underserved are highlighted as being disadvantaged on the map. Federally Recognized Tribes, including Alaska Native Villages, are also considered disadvantaged communities.*



28+ Programs

State & Community Energy Program

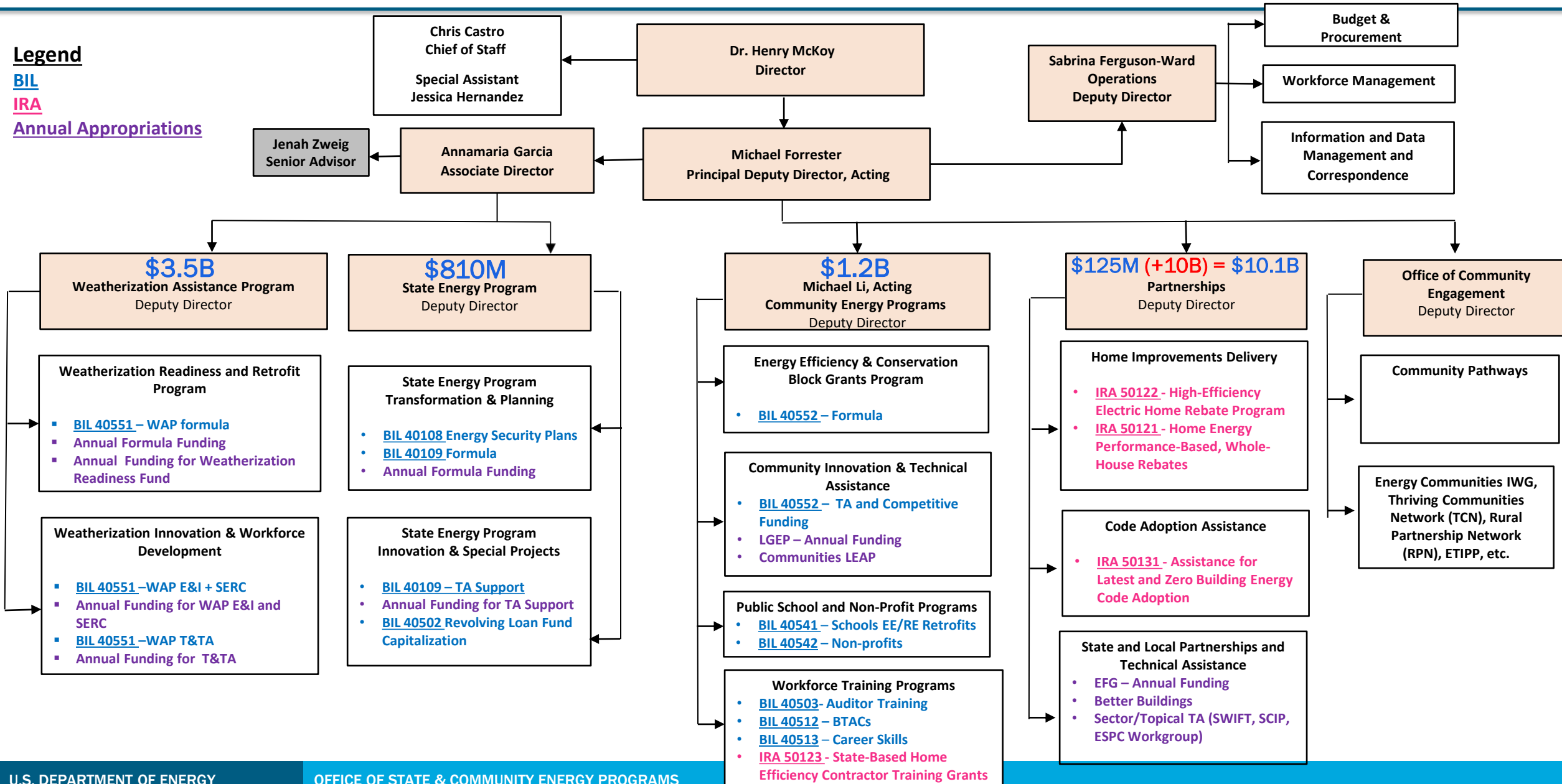
~\$6B (+\$10B) = \$16B

Legend

BIL

IRA

Annual Appropriations

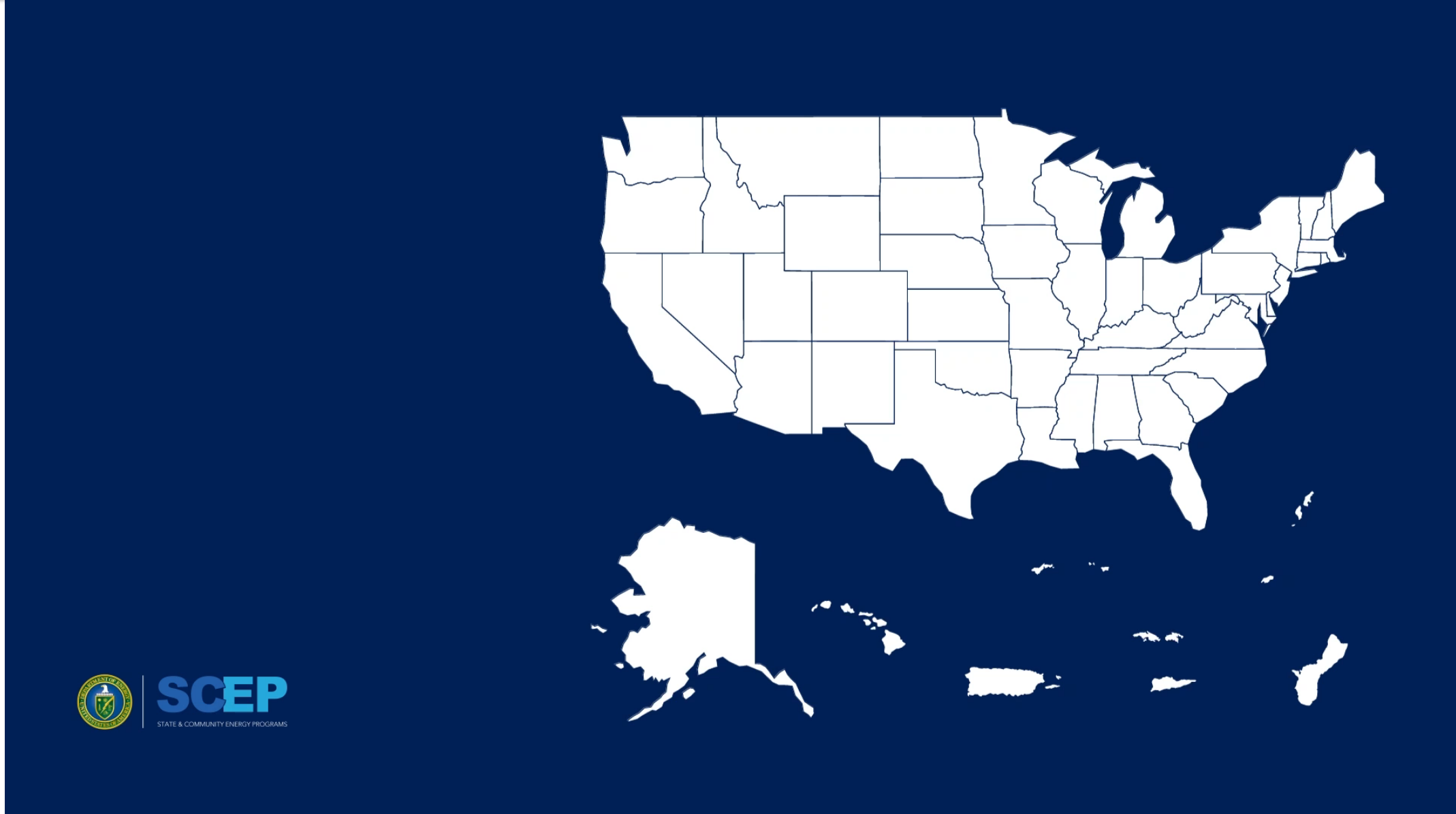


BIL Provisions (Approx. \$6 Billion)



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

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



Eligible state, local, and Tribal governments **can now apply for \$430M** in funding from the Energy Efficiency and Conservation Block Grant (EECBG) Program!

Eligible entities can use flexible EECBG Program funding for projects and programs that



Cut Carbon Emissions



Improve Energy Efficiency



Reduce Energy Use



States can apply for EECBG Program formula funding through **July 2023**.
Local governments and Tribes can apply through **January 2024**.

Energy Efficiency for Nonprofit Organizations

New competitive grant program for energy improvements at nonprofit facilities.

Funding: \$50M, in FY 2022, available until expended

Grant Cap: Each grant not to exceed \$200,000

Qualifying Uses: energy-efficiency materials defined by provision as material (including a product, equipment, or system) the installation of which results in a reduction in use by a nonprofit organization of energy or fuel. Examples include lighting, heating and air conditioning, windows, roof systems, building automation systems, etc.

Eligible Applicant: Any 501(c)(3) for use in a building they own and operate



Prioritization (*specified by provision*):

1. Energy savings achieved;
2. Cost effectiveness of the use of energy-efficiency materials;
3. Effective plan for evaluation, measurement, and verification of energy savings; and
4. Financial need of the applicant.

Renew America's Schools grant and Energy CLASS Prize

New competitive grant program for energy improvements at public school facilities

Funding: \$500M (\$100M FY22-26), available expended, through competitive grants

Qualifying Energy Improvements: Improvements, repairs, or renovations that reduce energy costs or lead to improved teacher and student health and achieve energy savings, installation of renewable energy, installation of alternative fueled vehicle (AFV) infrastructure, and purchases or leases of AFV.

Eligible Entities: Consortia of 1 local educational agency (LEA) and one or more schools, non-profits, for-profits, or community partners. LEA Definitions include School Board, Bureau of Indian Education Schools, Educational Service Agencies.



Prioritization: Schools with improvement funding needs, high free and reduced-price lunch percentage or rural locale, and leverage private sector funding through performance contracting.

Interagency Collaboration: EPA, Dept of Ed, USDA, DOD, DOT

Training and Workforce Development

\$260M in Workforce Funding across SCEP

- Training Residential Energy Contractors (TREC): \$200M
- Building Training Assessment Centers: \$10M
- Energy Auditor training: \$40M with award size up to \$2M
- Career Skills Training: \$10M



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

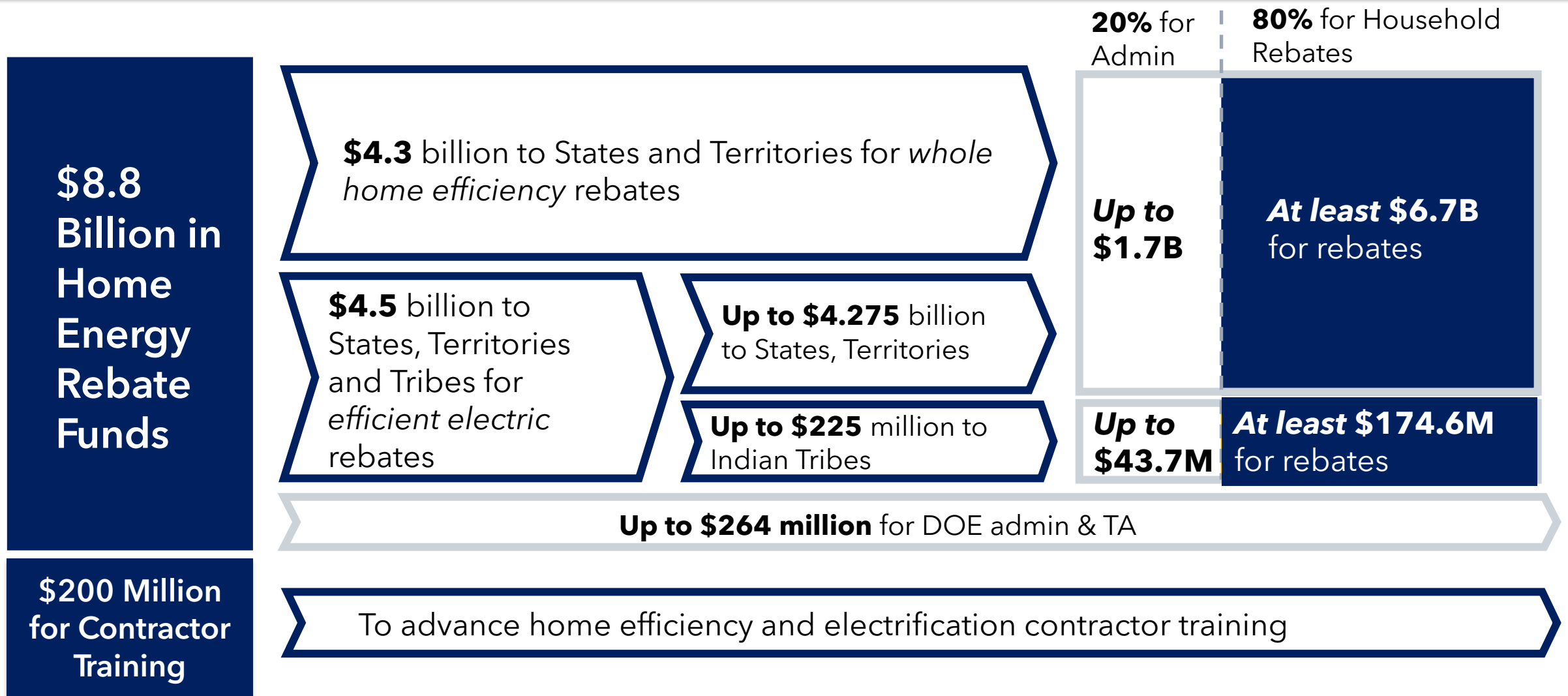


Building Codes Adoption Grants

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

Quick Recap - IRA Rebate Programs Funding Overview



The law authorizes 3% of total funds for DOE program administration & technical assistance as well as up to 20% of State & Indian Tribe funds for program administration.

Available thru
September 30, 2031

Quick Recap: Residential Efficiency Rebates (HOMES)

- Rebates vary with the energy savings from the household improvements.
- A wide range of energy-saving upgrades can be included.
- Low-income* households can access up to \$8,000, while other households can access up to \$4,000.

LOW-INCOME HOUSING*

- Projects with energy savings between 20% and 35%:
 - ✓ **80%** of costs up to **\$4,000** per home or housing unit
- Projects with energy savings greater than 35%:
 - ✓ **80%** of costs up to **\$8,000** per home or housing unit

MARKET RATE HOUSING

- Projects with energy savings between 20% and 35%:
 - ✓ **50%** of costs up to **\$2,000** per home or housing unit
 - ✓ **\$200,000** cap for multifamily building
- Projects with energy savings greater than 35%:
 - ✓ **50%** of costs up to **\$4,000** per home or housing unit
 - ✓ **\$400,000** cap for multifamily building

* Low income is defined as single family households with incomes less than 80% area median income, as well as multifamily housing with more than 50% of households having incomes less than 80% area median income.



Quick Recap: Residential Electrification Rebates (HEERHA)

Rebates provide low- and moderate-income families ONLY up to \$14,000 total for products like electric heat pumps, electric stoves, and more.

- ✓ More than 70 percent of U.S. households are eligible for these rebates.
- ✓ Rebates cover up to 100% of costs for low-income households*
- ✓ Rebates cover up to 50% of costs for moderate-income households*
- ✓ Rebates cannot exceed the caps listed in the table.

Rebate Type	Equipment/Service	Maximum Rebate \$ Amount
Appliance Upgrades	Heat Pump Water Heater	\$1,750
	Heat Pump for Space Heating or Cooling	\$8,000
	Electric Stove, Cooktop, Range, Oven, or	\$840
	Electric Heat Pump Clothes Dryer	\$840
Non-appliance Upgrades	Electric Load Service Center Upgrade	\$4,000
	Insulation, Air Sealing, and Ventilation	\$1,600
	Electric Wiring	\$2,500
Maximum total across all upgrades per home or unit		\$14,000



*Low-income household defined as below 80% of area median income; moderate-income defined as between 80% and 150% of area median income.

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



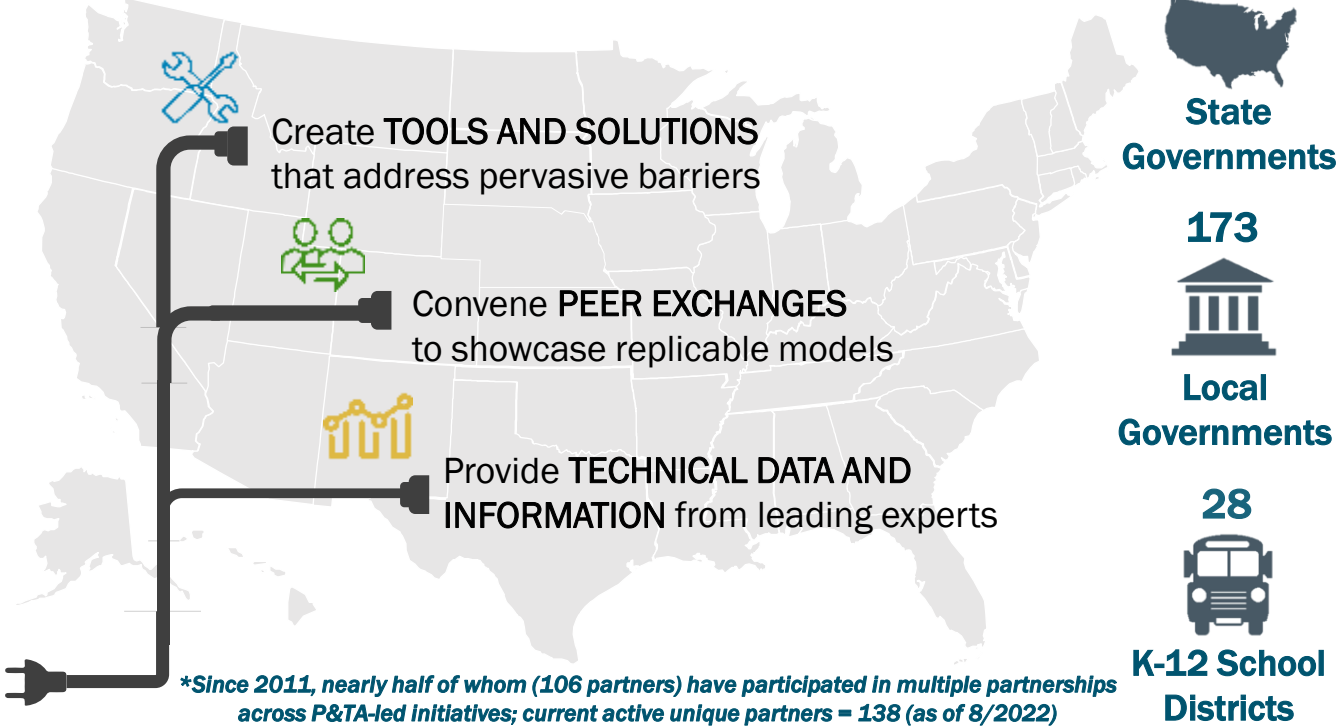
New Construction & Existing Housing Units



Owner-Occupied & Rental Properties

Technical Assistance & Partnerships (TAP)

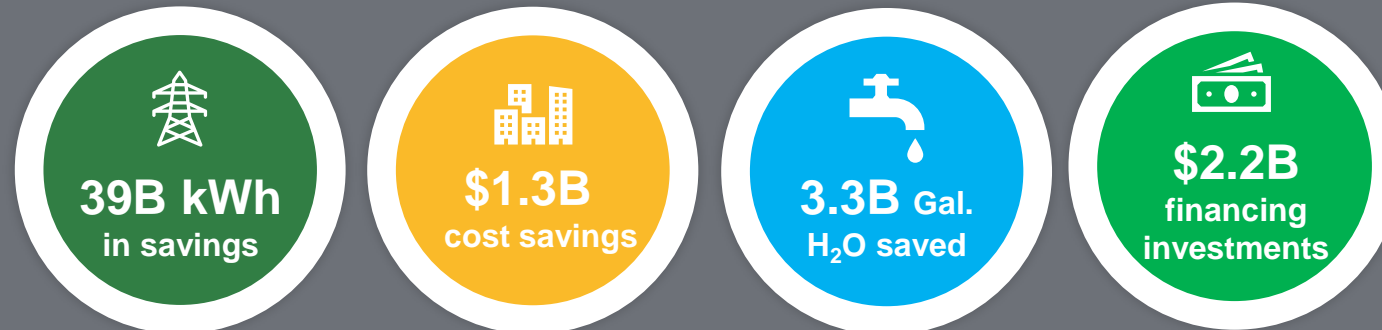
239+ Unique State, Local, and K-12 Partners*



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

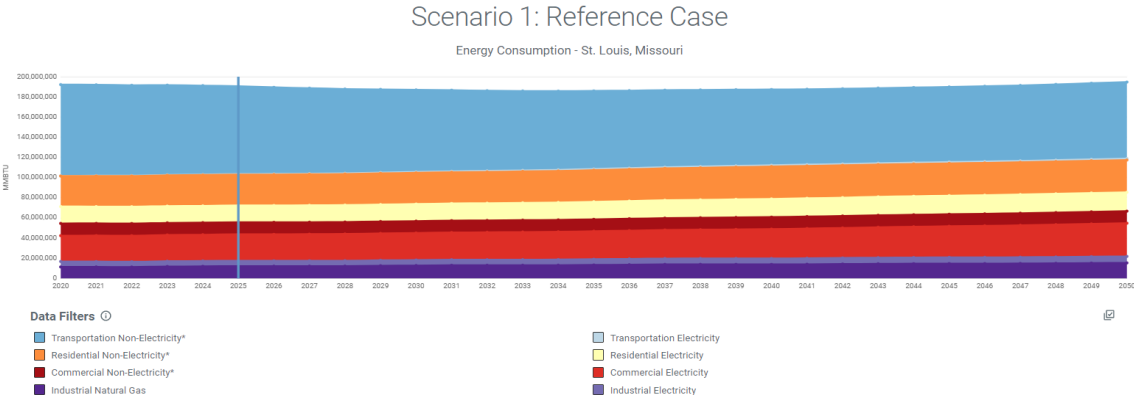
LEAD TOOL
Low-Income Energy Affordability Data (LEAD) Tool
State and Local Planning for Energy (SLOPE) Platform

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

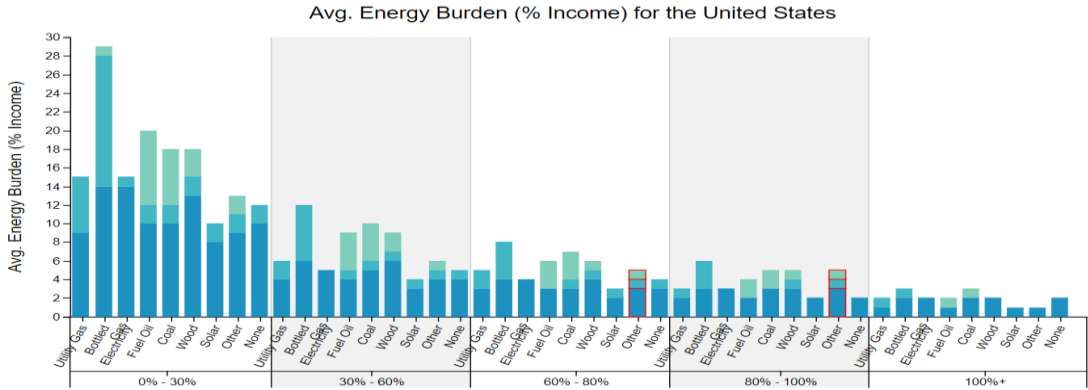
Two Powerful Tools to Support State and Local Governments' Planning Needs



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.



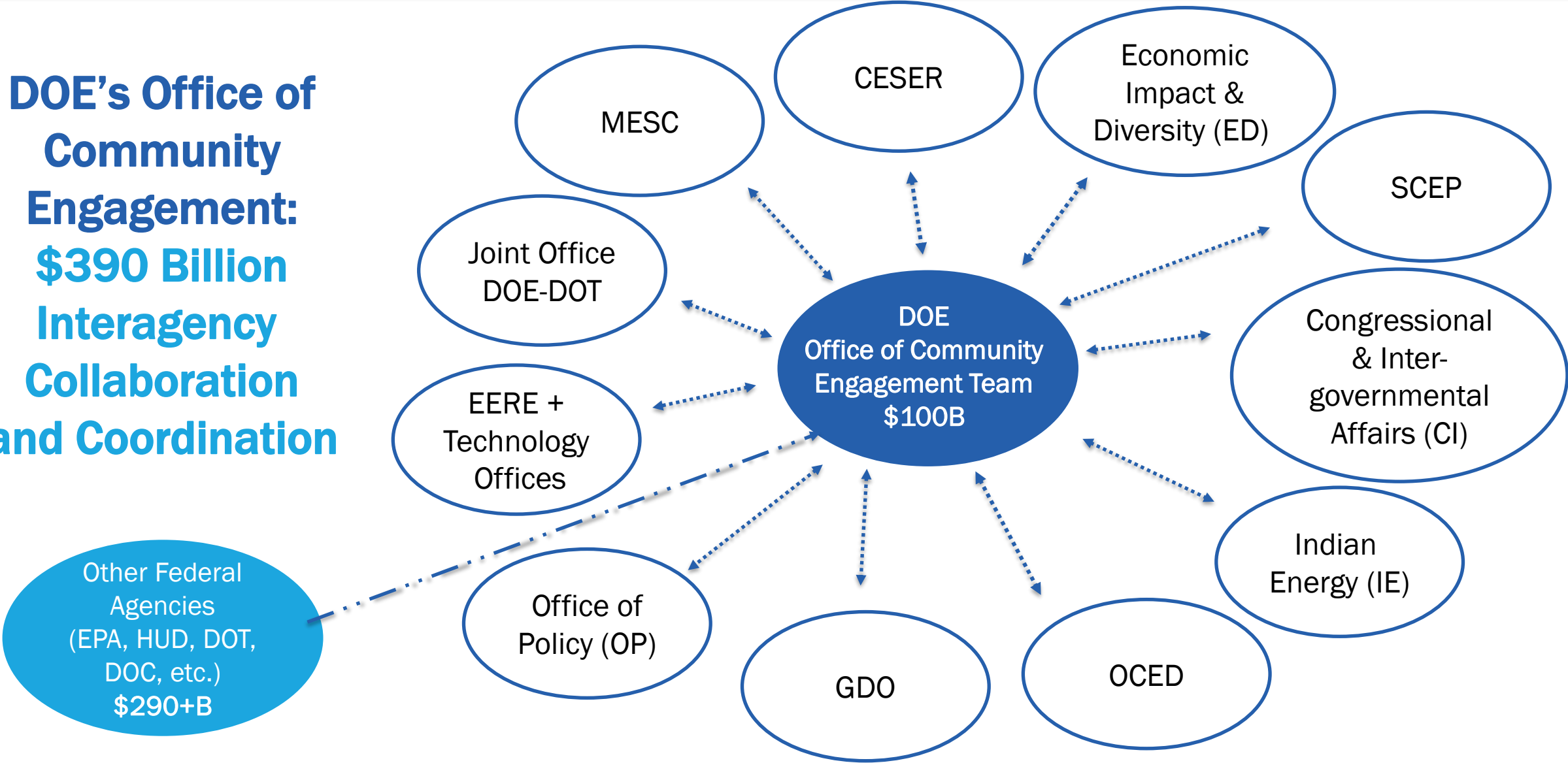
2

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: Managed/staffed by SCEP..owned by ALL

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



Energy Communities IWG

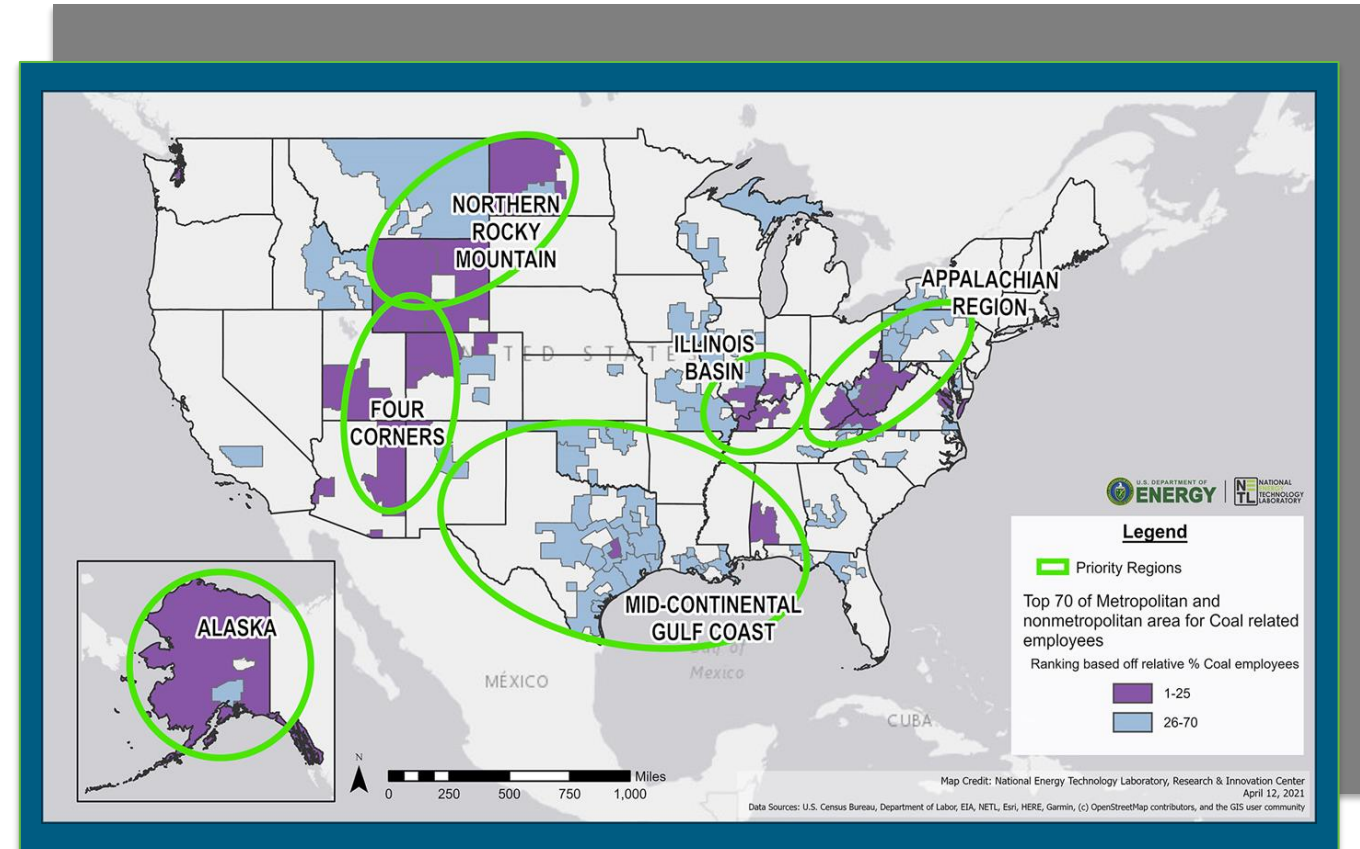
The Interagency Working Group on Coal & Power Plant Communities

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

“Rapid Response Teams” launched 2022



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.

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.

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


Having trouble viewing this email? [View it as a Web page.](#) | [SHARE](#)

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.



SCEP

STATE & COMMUNITY ENERGY PROGRAMS