



U.S. DEPARTMENT OF
ENERGY



SCEP
STATE & COMMUNITY ENERGY PROGRAMS

Office of State and Community Energy Programs (SCEP)

Improving Access to Efficiency and Clean Energy for States, Communities, and Tribes

Chris Castro, Chief of Staff

DOE Clean Energy Tribal Summit 2022

October 5th, 2022



Office of State and Community Energy Programs (SCEP)



- **New Office** created as part of the Bipartisan Infrastructure Law (BIL)
- Creating a “**Center of Excellence**” to accelerate climate and clean energy solutions
- Works with state and local organizations to significantly accelerate the deployment of clean energy technologies, catalyze local economic development and create jobs, reduce energy costs, and avoid pollution through place-based strategies involving a wide range of government, community, business and other stakeholders.
- **Funding oversight: \$16 billion USD**
 - \$6 billion in BIL funding provisions
 - \$10 billion in IRA rebate provisions

SCEP Goals 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 \$6 billion** in funding from the Bipartisan Infrastructure Law (BIL) and annual appropriations.

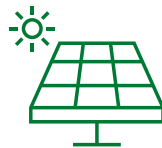
Our goal is to extend the capabilities of states, tribes, local governments, schools, and community-serving organizations to **implement high-impact, self-sustaining clean energy projects** that center the needs of low-income and Disadvantaged Communities (DACs), and tangibly improve the lives of their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

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

SCEP Program Priorities



Center and deliver on J40 priorities



Deploy clean energy technologies



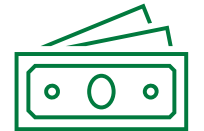
Catalyze local economic development



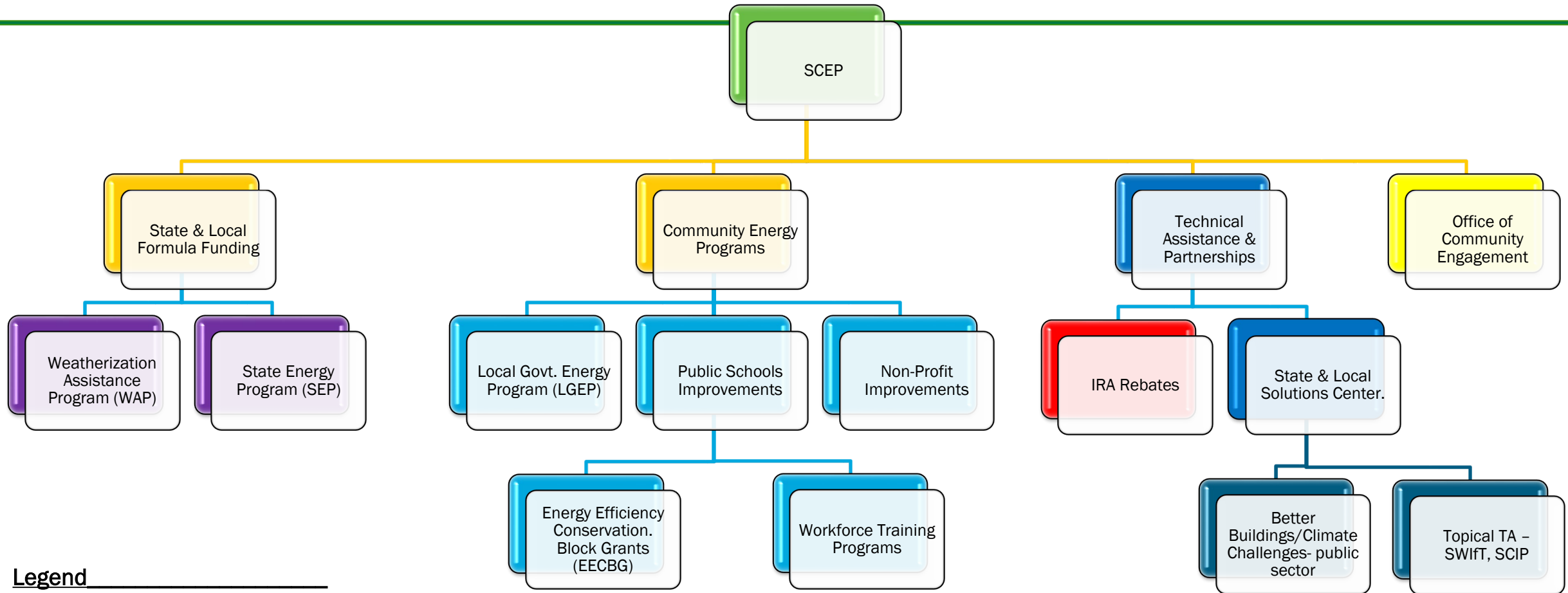
Create jobs



Avoid pollution through place-based strategies



Reduce energy costs



- Legend**
- Funding
 - Formula grants
 - Competitive grants
 - Technical Assistance
 - Rebates
 - Community Engagement Office

Weatherization Assistance Program



Weatherization Assistance Program - Purpose



Mission of the Weatherization Assistance Program (WAP):
To reduce energy costs for low-income families, particularly for the elderly, people with disabilities, and families with children, while ensuring their health and safety.

DOE's WAP is the nation's largest whole-house energy efficiency program.



\$8,009 avg cost per unit

FOR EVERY
\$1.00
INVESTED IN
WEATHERIZATION,
\$1.72
IS GENERATED
IN ENERGY BENEFITS AND
\$2.78
IN NON-ENERGY BENEFITS.



WAP and the Bipartisan Infrastructure Law (BIL)

Sec. 40551 of BIL provides \$3.5 billion for WAP to be distributed through formula allocations



U.S. Department of Energy Headquarters



50 State Energy Offices, The District of Columbia, **Native American Tribes**, and five U.S. Territories



Over 700 Local Entities: Non-profits, Local Governments, **Tribes**, and contractors



Low-Income Households

WAP and Native American Tribes

WAP Serving Tribes

- Working with a State Grantee
 - Tribe can become a Subgrantee, implementing the weatherization program in Tribal lands with technical support from State or territory
- Direct grants
 - Presently one Tribe, **Northern Arapaho**, is a direct Grantee.

Opportunities for Coordination

- Participation during the Grantee annual planning process for inclusion in planning service to Tribal households.
- Collaboration to ensure program outreach is effectively reaching all Tribal households.
- Coordination of training for Tribal weatherization workers and targeting recruitment for job opportunities to individuals living on Tribal lands.
- Become a Subgrantee and administer services.

Stay Connected – Future Funding Opportunities

- **Weatherization Enhancement and Innovation (E&I)**
 - Nonprofit organizations, WAP Grantees and Subgrantees are eligible to apply
 - Maximum \$2 million award for efficiency retrofits, health and safety, renewable energy and workforce development
 - Next announcement tentatively in fall 2023 (\$25 million BIL funding)
- **Sustainable Energy Resources for Consumers (SERC)**
 - WAP Grantees and local providers are eligible for funds to install renewable energy systems and new technologies such as heat pumps
 - Next announcements tentatively in fall 2022 (~\$13–18 million pending FY 2023 budget) and fall 2023 (\$70 million BIL funding)
- **Community Scale Pilot Projects**
 - WAP Grantees and local providers are eligible for funds to pilot innovative approaches to place-based delivery of WAP services
 - Next announcement tentatively in fall 2022 (\$4.5 million)

Find WAP and IIJA Program Updates:

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

<https://www.energy.gov/eere/wap/weatherization-assistance-program>

Contact WAP at: wapta@hq.doe.gov

State Energy Program



SEP Mission & Overview

The **State Energy Program (SEP)** is more than 40 years old and provides funding and technical assistance to the 50 states, 5 territories, and D.C. to:

- Enhance energy security
- Advance state-led energy initiatives
- Increase energy affordability

SEP is cost-effective

\$4.50 saved per \$1 invested

SEP creates jobs

1 job created per \$12,500 invested

National SEP Success Metrics* between FY 2017 and FY2021

- Buildings retrofitted: 24,833
- Square footage of buildings retrofitted: 126,741,088 sq. ft.
- Renewable energy systems installed: 54,908
- Installed renewable energy system capacity: 2,164,190 kW
- Workshops and trainings held: 8,684
- Number of people trained and educated: 1,497,317

*Metrics are for data reported by States as of 06/29/2022 in the Performance & Accountability for Grants in Energy (PAGE) Online System.

SEP BIL Provision: State Coordination with Tribes

Funding is directed to State Energy Offices, but there are BIL provisions allowing for greater engagement and coordination between States and Tribal Nations.

Sec. 40108. State Energy Security Plans



- No dedicated funding
- Requires that new plans include "*coordination with Indian Tribes* with respect to planning and response."

Sec. 40109. State Energy Program



- \$500M for FY22 – FY26
- Sec. 40109(a) adds a mandatory element of state energy conservation plans to support transmission and distribution planning, including *support for local governments and Indian Tribes*

Sec. 40502. Energy Efficiency Revolving Loan Fund (RLF) Capitalization Grant Program



- \$250M, available until expended
- States will use \$ for loans and grants for residential and commercial buildings
- **Individuals and businesses in Tribal jurisdictions are eligible to receive loans, grants, and TA.**

Sec. 40503. Energy Auditor Training Grant Program



- \$40M for FY22 – FY26
- Establishes competitive grant program for eligible States to train individuals to conduct energy audits or surveys of commercial and residential buildings.
- **Funding can help strengthen clean energy workforce in Tribes.**

Note: Only State Energy Offices receive direct funding from DOE through these provisions.

Public School Facilities



40541 – Grants for Energy Improvements at Public School Facilities

Overview: Grants for energy efficiency improvements and renewable energy improvements at public school facilities.

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 infrastructure, and purchases or leases of alternative fueled vehicles.

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.

Funding: \$500M (\$100M over five years), until expended, through competitive grants

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.

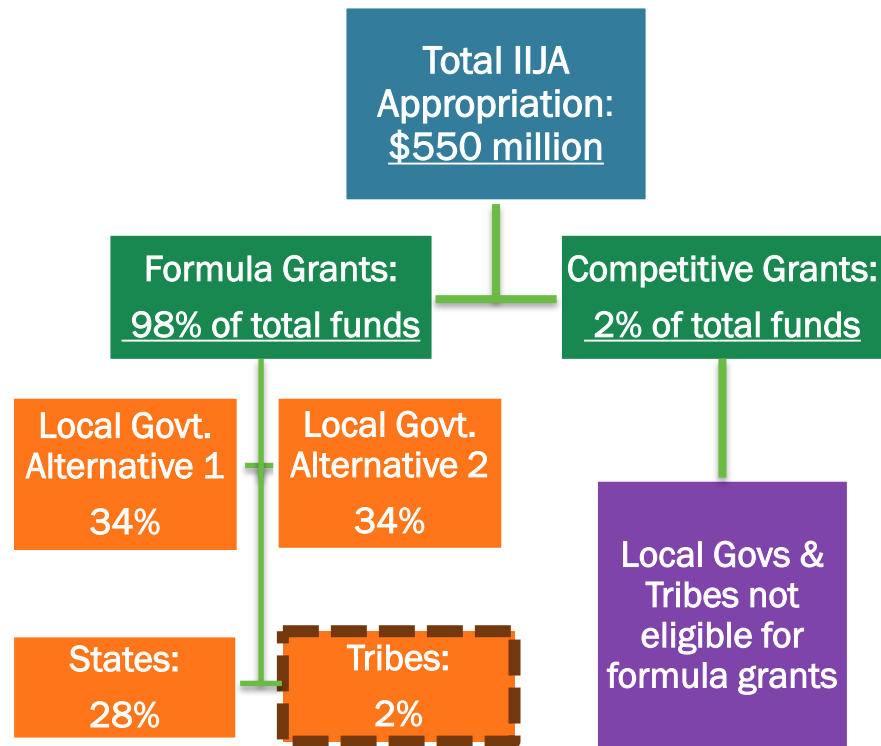


Tribes

- 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

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 announcement 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 navigation links: "DOE Bipartisan Infrastructure Law Funding Opportunities", "Fact Sheet", and "Frequently Asked Questions". Below this, there is a section titled "Delivering for American Workers, Families, and Ushering in the Clean Energy Future" with a sub-section "Bipartisan Infrastructure Law in 60 Seconds (Monthly Update)". A video player is visible with the text "ENERGY.GOV/BIL". Below the video is an "Email Updates" form with a text input field and a submit button. The "News" section features three articles from the U.S. Department of Energy, each with a thumbnail image and a brief description. At the bottom, there is a "Learn More" section with a "VIEW MORE" button and a background image of hands typing on a laptop.

Local Government Energy Program (LGEP) and Energy Future Grants



Local Government Energy Program

Established in FY22 to be launched in FY23, a permanent program for local governments and Tribal Nations to support transformative clean energy programs that create good paying jobs

	FY 2022 Congressional Appropriation	FY 2023 Request
Local Government Energy Program	\$10 million “Local Government Clean Energy Workforce Program”	\$25 million “Community Programs”

“The Committee supports the Local Government Clean Energy Workforce Program (changed to Local Government Energy Program) to provide competitive awards, on-site capacity, peer exchanges, and technical assistance to support the development and deployment of transformative clean energy programs that create good paying jobs working with qualifying local governments and Tribal Nations, with a focus on energy communities and disadvantaged or small-to-medium jurisdictions.

The Department is encouraged to consider projects that implement best practices to advance energy efficiency adoption, building and vehicle electrification, grid modernization, distributed electricity generation, and workforce development at the local level. These activities shall include work with and support for organizations that convene and support municipal governments.”¹

To receive program 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. Note that the program name was changed to “Local Government Energy Program” in the FY 23 budget.

Energy Future Grants

- A new FY22 initiative to support state-, local-, and Tribal-level planning initiatives designed to meet community energy needs

Program Name	FY22 Funding Amount (enacted)	FY 2023 Request	Description & Target Audience
Energy Future Grants	\$20 million	\$105 million	Provides competitive financial and technical assistance to support local-government partnership approaches to meeting energy needs at the state, local or tribal level through adoption of policies in the transportation, building and/or power sector.

Sources:

- DOE FY22: 117th Congress. [Senate Report Number 117-36](#). “Energy and Water Development Appropriations Bill, 2022.
- DOE FY23 budget request: <https://www.energy.gov/sites/default/files/2022-04/doe-fy2023-budget-volume-3-scep.pdf>

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 September 2022, **128 signatory partners** that represent **280 wastewater facilities** across **41 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 September 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
3.3 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)

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>

