Better Buildings, Better Plants SUMMIT

Learn more: betterbuildingssolutioncenter.energy.gov/summit
State, Local, and K-12 Meetups

Wednesday, April 12
9:00 – 10:30 A.M.
Moderator

Chris Castro
Chief of Staff,
Office of State and Community Energy Programs
U.S. Department of Energy
Agenda

1. Welcome and Introductions
2. DOE’s New Office of State and Community Energy Programs
3. Public Sector Recognition
4. Closing and Break Out Sessions
Today’s Presenters

• Henry McKoy, Director
  • State and Community Energy Programs - U.S. Department of Energy

• Michael Forrester, Principal Deputy Director
  • State and Community Energy Programs - U.S. Department of Energy
Henry McKoy
Director,
Office of State and Community Energy Programs
U.S. Department of Energy
Welcome to the New Office of State and Community Energy Programs!

Dr. Henry McKoy, Director

Better Buildings Summit, Washington DC
April 11-13, 2023
Office of State & Community Energy Programs (SCEP)

Mission Statement

To accelerate the deployment of clean energy tech and practices through place-based strategies involving state, local, and Tribal governments, community orgs, academia, and business stakeholders that catalyze community economic development, create high-quality jobs, and improve the lives of Americans.

Guiding Vision

The bridge that connects the federal government to community serving institutions. SCEP manages the main community-facing funding and technical assistance programs and serves as the common touch point and navigator through DOE and other applicable programs across the government. If done right, everyone should be connected to the impact of DOE programs.
SCEP Timeline At A Glance

- **November 2021**: Bipartisan Infrastructure Law Signed
- **February 2022**: S3 Office of the Undersecretary for Infrastructure Launches
- **July 2022**: WAP and SEP transition to SCEP
- **August 2022**: Inflation Reduction Act Passes
- **November 2022**: SCEP Becomes Official
- **2023**: Implementation

SCEP later becomes part of S3
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
## Overview: Office of Undersecretary for Infrastructure

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<tr>
<td>• Transmission and distribution grid programs</td>
<td>• Battery manufacturing &amp; recycling</td>
<td>• Weatherization Assistance Program</td>
<td>• Regional clean hydrogen hubs</td>
<td>• Tribal energy loans/guarantees ($20 billion)</td>
<td>• Cybersecurity rural/municipal utility grants</td>
<td>• Technical assistance</td>
<td>• Federal building &amp; fleet decarbonization</td>
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<td>• Grid resilience formula grants</td>
<td>• Critical minerals processing</td>
<td>• State Energy Program</td>
<td>• Long-duration energy storage demonstrations</td>
<td>• 1706 Energy Community Infrastructure Reinvestment</td>
<td>• Implementation grants</td>
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<td>• Hydro-electric upgrades</td>
<td>• DPA manufacturing</td>
<td>• Energy Efficiency &amp; Conservation Block Grant Program</td>
<td>• Carbon management (capture, transport, geological storage)</td>
<td>• Large-scale clean energy &amp; manufacturing projects</td>
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<td>• Civilian nuclear credit</td>
<td>• Industrial sector decarbonization</td>
<td>• Whole home and electrification rebates</td>
<td>• Direct-air capture</td>
<td>• CO2 transportation infrastructure loans</td>
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<td>• Industrial Assessment Centers</td>
<td>• Building energy code updates</td>
<td>• Mine lands clean energy demonstration</td>
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<td>• Clean energy manufacturing</td>
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<td>• Advanced nuclear reactor demonstrations</td>
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**Power Marketing Administrations**  
S3: Under Secretary for Infrastructure
BIL Provisions (Approx $6 billion)

- Building Training & Assessment Centers
  - $10M

- Career Skills Training
  - $10M

- Energy Auditor Training Grant Program
  - $40M

- Energy Efficiency Materials Pilot Program
  - $50M

- Revolving Loan Fund Program
  - $250M

- EECPBG Program
  - $550M

- Grants for Public School Facilities
  - $500M

- State Energy Program
  - $500M

- Weatherization Assistance Program
  - $3.2B
### Inflation Reduction Act Provisions ($10 billion)

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<th>Program</th>
<th>Funding</th>
<th>Description</th>
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<td><strong>Home Energy Performance-Based, Whole House Rebates</strong></td>
<td>$4.3B</td>
<td>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.</td>
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<td><strong>High Efficiency Electric Home Rebate Program</strong></td>
<td>$4.5B</td>
<td>To award grants to State Energy Offices and Indian tribes for qualified electrification project rebates in low- or moderate-income households.</td>
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<td><strong>Home Energy Efficiency Contractor Training Grants</strong></td>
<td>$200M</td>
<td>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.</td>
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<td><strong>Building Codes Adoption Grants</strong></td>
<td>$1B</td>
<td>To award grants to states &amp; 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).</td>
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Technical Assistance & Partnerships (TAP)

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

- Create TOOLS AND SOLUTIONS that address pervasive barriers
- Convene PEER EXCHANGES to showcase replicable models
- Provide TECHNICAL DATA AND INFORMATION from leading experts

Cumulative Outcomes Since 2011

- 39B kWh in savings
- $1.3B cost savings
- 3.3B Gal. H₂O saved
- $2.2B financing investments

Current Major Initiatives
- Better Buildings Challenge & Better Climate Challenge (public sector)
- Energy Savings Performance Contracting (ESPC) Campaign
- Sustainable Corrections Infrastructure Partnership (SCIP) Accelerator
- Sustainable Wastewater of the Future (SWIFT) Initiative

Current Major Initiatives

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

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

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

*Since 2011, nearly half of whom (106 partners) have participated in multiple partnerships across P&TA-led initiatives; current active unique partners = 138 (as of 8/2022)
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.
• **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.

Intentional Foresight
SCEP Strives to Advance Justice40 Policy Priorities

In disadvantaged communities, SCEP supports 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.
Stay Connected

Visit [energy.gov/bil](https://energy.gov/bil) for announcements and sign up for Bipartisan Infrastructure Law email updates.

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.

Sign up to receive SCEP’s monthly State and Local Spotlight newsletter for detailed information.
Thank you!

Next Hear From SCEP Program Leaders
Michael Forrester
Principal Deputy Director
Office of State and Community Energy Programs
U.S. Department of Energy
Since 2011, 75+ public sector partners representing 215 million sq. ft. have saved:

- **DOLLARS SAVED**: $1.3 Billion Dollars
- **ENERGY SAVED**: 133 Trillion BTUs
- **WATER SAVED**: 1.5 Billion Gallons (as of 2021 data)
- **GOAL ACHIEVERS**: 25 Public Sector Partners
2023 Better Buildings Goal Achievers

Congratulations!

ARLINGTON
VIRGINIA
The Better Project and Better Practice awards recognize partners for innovative and industry leading accomplishments in implementing decarbonization, energy and water efficiency, or waste reduction projects/practices.
Break Out Sessions
Locations

State Meetup

K-12 Meetup

Local Gov. Meetup

Locations

State Meetup

K-12 Meetup

Local Gov. Meetup

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State Meetup

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Local Gov. Meetup
Thank You!

Provide feedback on this session in the Summit App!

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