Welcome and Introduction

State Energy Program Training Forum
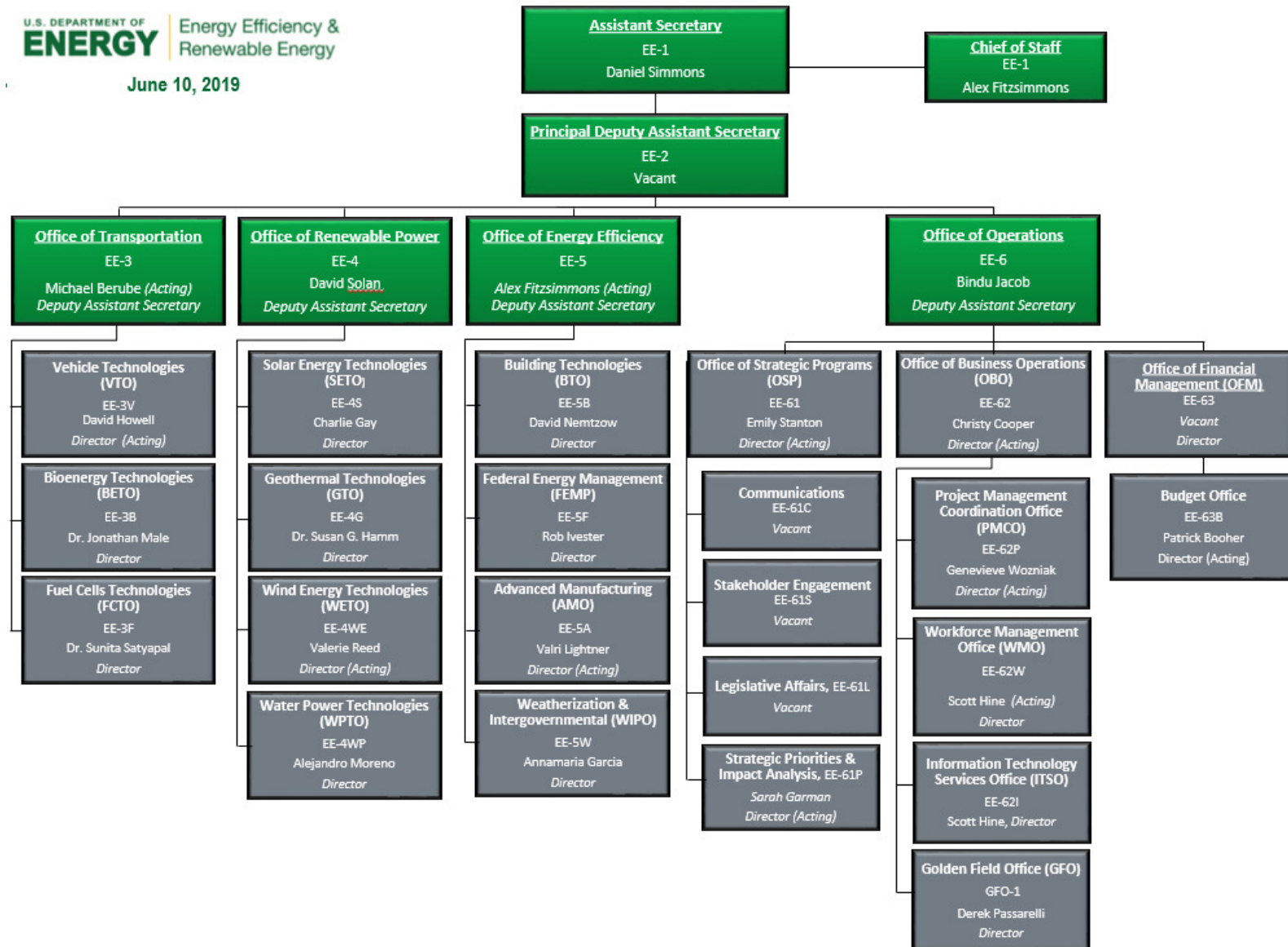
Amy Royden-Bloom
State Energy Program Manager

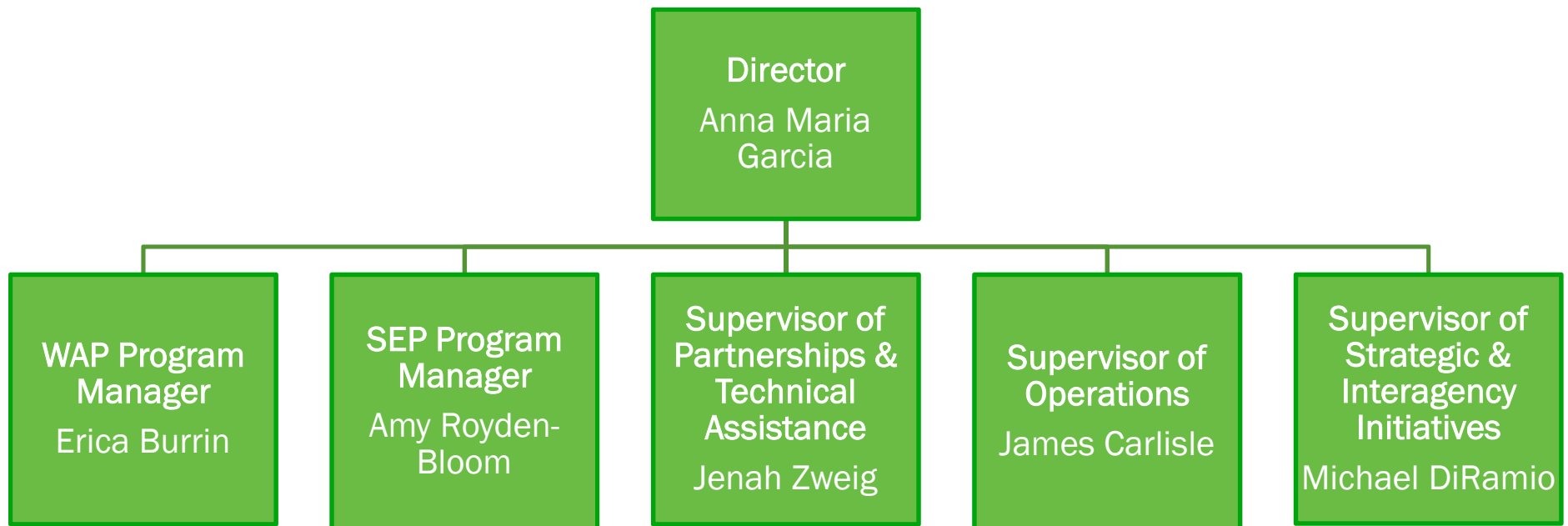August, 2019

EERE Organization Chart

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

June 10, 2019

Assistant Secretary
EE-1
Daniel Simmons

Chief of Staff
EE-1
Alex Fitzsimmons

Principal Deputy Assistant Secretary
EE-2
Vacant

Office of Transportation
EE-3
Michael Berube (Acting)
Deputy Assistant Secretary

Office of Renewable Power
EE-4
David Solan
Deputy Assistant Secretary

Office of Energy Efficiency
EE-5
Alex Fitzsimmons (Acting)
Deputy Assistant Secretary

Office of Operations
EE-6
Bindu Jacob
Deputy Assistant Secretary

Vehicle Technologies (VTO)
EE-3V
David Howell
Director (Acting)

Bioenergy Technologies (BETO)
EE-3B
Dr. Jonathan Male
Director

Fuel Cells Technologies (FCTO)
EE-3F
Dr. Sunita Satyapal
Director

Solar Energy Technologies (SETO)
EE-4S
Charlie Gay
Director

Geothermal Technologies (GTO)
EE-4G
Dr. Susan G. Hamm
Director

Wind Energy Technologies (WETO)
EE-4WE
Valerie Reed
Director (Acting)

Water Power Technologies (WPTO)
EE-4WP
Alejandro Moreno
Director

Building Technologies (BTO)
EE-5B
David Nemtzow
Director

Federal Energy Management (FEMP)
EE-5F
Rob Ivester
Director

Advanced Manufacturing (AMO)
EE-5A
Valri Lightner
Director (Acting)

Weatherization & Intergovernmental (WIPO)
EE-5W
Annamaria Garcia
Director

Office of Strategic Programs (OSP)
EE-61
Emily Stanton
Director (Acting)

Communications
EE-61C
Vacant

Stakeholder Engagement
EE-61S
Vacant

Legislative Affairs, EE-61L
Vacant

Strategic Priorities & Impact Analysis, EE-61P
Sarah Garman
Director (Acting)

Office of Business Operations (OBO)
EE-62
Christy Cooper
Director (Acting)

Project Management Coordination Office (PMCO)
EE-62P
Genevieve Wozniak
Director (Acting)

Workforce Management Office (WMO)
EE-62W
Scott Hine (Acting)
Director

Information Technology Services Office (ITSO)
EE-62I
Scott Hine, Director

Golden Field Office (GFO)
GFO-1
Derek Passarelli
Director

Office of Financial Management (OFM)
EE-63
Vacant
Director

Budget Office
EE-63B
Patrick Booher
Director (Acting)

WIP Organization Chart

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                        ┌─────────────────────┐
                        │      Director        │
                        │   Anna Maria         │
                        │     Garcia           │
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WAP Program Manager	SEP Program Manager	Supervisor of Partnerships & Technical Assistance	Supervisor of Operations	Supervisor of Strategic & Interagency Initiatives
Erica Burrin	Amy Royden-Bloom	Jenah Zweig	James Carlisle	Michael DiRamio

Where does SEP fit?

Director
Anna Maria Garcia

WAP Program Manager
Erica Burrin

SEP Program Manager
Amy Royden-Bloom

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Jenah Zweig

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Gordon Gore
Julie Howe
Kelsie Bell
Randall Lamp
John Merenda
Charles Satterfield
Contractor
Robert Hu
ORAU Fellow
Shannon Young
Megan Plog
Administrative
Dennis James

State Energy Program (SEP)

SEP provides funding and technical assistance to 56 states, territories, and the District of Columbia to

- enhance energy security,
- advance state-led energy initiatives, and
- maximize the benefits of increasing energy efficiency.

SEP <u>Creates Jobs</u>	SEP is <u>Cost-Effective</u>
1 job created for every $2,500 invested = over 3,900 estimated jobs in FY18 *Example*: Texas Clean Energy Incubators	$4.50 saved for every $1 federal invested *Example*: Illinois' Wastewater Treatment Facility Program

National SEP Successes Since 2017
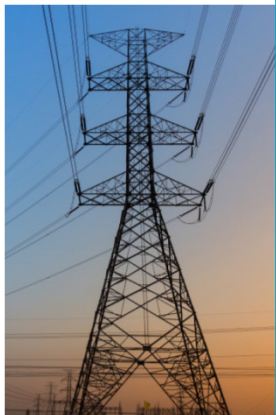
Increased energy efficiency in 21,000+ buildings (58M square feet)

Installed 22,000+ renewable energy systems (594,000 kilowatt hours)

Educated >580,000 people in performing energy audits and upgrades
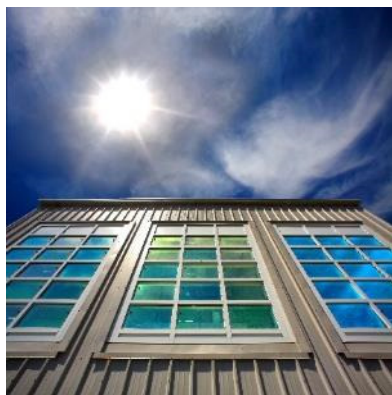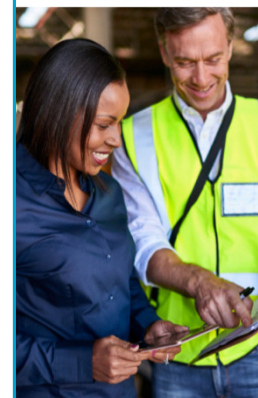
- ✓ States implemented energy security, resiliency, and emergency preparedness plans;
- ✓ Developed state-led strategic energy initiatives;
- ✓ Invested in expanded use of energy resources abundant in states;
- ✓ Piloted innovative energy projects within the private sector, K-12 schools and universities; and
- ✓ Developed 9 Implementation Models that serve as "how-to" guides for states who wish to replicate the programs achieving energy efficiency savings.

Orientation & Training Module for New SEP Staff

You will find six training modules covering the following introductory topics:

#1 Overview and History of the State Energy Program
– SEP Program Overview
– Where Did We Come From – SEP's Origins
– Major Milestones in SEP's History
– What We Have Achieved Together Since 2015

#2 Understanding the Budget Process
– Federal Budget Process
– Where Funding Comes From and Where It Goes
– The "Formula" In the Formula Grant
– SEP Awards, Funding, and Application

COMING SOON!

#3 Roles & Responsibilities
– SEP and the State Energy Offices (SEOs)
– Roles and Responsibilities: Overview
– Roles and Responsibilities: More Detail

Orientation & Training Module for New SEP Staff

#4 The Must-Knows of Utilizing My SEP Funding
- Hierarchy of Federal Rules
- What is Mandatory, Optional, Prohibited, and Unallowable
- Link to Regulations for My Award

#5 Peer Sharing & Best Practices
- SEP Peer Exchange Webinar Series
- State Energy Focus Areas by Region
- Road Maps and Implementation Models
- SEP Quarterly Update

#6 Your "Go-to" Resources for SEP
- SEP Operations Manual
- State and Local Solution Center
- EERE Resources for State and Local Leaders
- Program Guidance by Year
- Policy and Technical Needs Support
- FAQs

SEP Project Officers

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Partnerships & Technical Assistance

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Contractor
Robert Hu
ORAU Fellow
Shannon Young
Megan Plog
Administrative
Dennis James

Advisor
John Agan
Alice Dasek
Adam Guzzo
Sean Williamson
ORAU Fellow
Ben Nathan
Madeline Williams
Aaron Ng
Brooke Holleman
Administrative
Deborah Ogunshakin

Partnerships & Technical Assistance (P&TA) Team

OUR GOAL:
Maximize energy and cost savings

We serve at the nexus of STATES, LOCAL GOVERNMENTS, and K-12 SCHOOLS to catalyze lead-by-example programs by:

1. Developing TOOLS AND SOLUTIONS to barriers facing states, local governments, and K-12 schools

2. Convening and creating PEER EXCHANGES to showcase public-sector leadership and effective public-private partnerships

3. Providing information from leading TECHNICAL EXPERTS

We help states, local governments, and K-12 schools:

Develop an Energy Plan

Design and Implement Energy Programs

Pay for Energy Infrastructure

Access and Use Energy Data

P&TA Initiatives

Sustainable Wastewater Infrastructure of the Future (SWIFt) Accelerator

70+ facility partners in 22 states working to achieve
30% ENERGY SAVINGS

Commercial Property Assessed Clean Energy (C-PACE) Working Group

30 state and local participants working to stimulate
$60 MILLION IN C-PACE

Better Buildings® CHALLENGE
U.S. DEPARTMENT OF ENERGY

DOLLARS SAVED
$686 MILLION

ENERGY SAVED
72 TRILLION BTUS

WATER SAVED
1.49 BILLION GALLONS

Cumulative Results as of 2018 from Public Sector Partners

P&TA is currently researching in the following opportunity areas:

Correctional Facilities

Resilience

Small & Rural Wastewater Treatment

Small & Rural K-12 School Districts

Stakeholder Outreach

- **State and Local Solution Center**
  - More than **500** tools, resources, and best practices

- **State and Local Spotlight**
  - Monthly newsletter with **~33,000** subscribers

Subscribe:
http://energy.gov/eere/slsc

Contact:
stateandlocal@ee.doe.gov

ENERGY EFFICIENCY & RENEWABLE ENERGY RESOURCES

FOR STATE & LOCAL LEADERS

SUMMER 2019

U.S. DEPARTMENT OF ENERGY | Office of ENERGY EFFICIENCY & RENEWABLE ENERGY

SI2

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Megan Plog
Administrative
Dennis James

Lead Energy Technology Project Specialist
Pam Mendelson
Energy Technology Project Specialist
Krystal Laymon
ORAU Fellow
Michael Reiner

Strategic & Interagency Initiatives Team (SI2)

Purpose: Lead initiatives and provide deep technical assistance to help state and local leaders develop solutions for underserved communities, increasing access to energy efficiency and renewable energy choices that improve energy affordability for all communities.

Clean Energy for Low Income Communities Accelerator

NEW CELICA Toolkit
https://betterbuildingsinitiative.energy.gov/CELICA-Toolkit

CELICA PROGRAM DEVELOPMENT ACTIVITIES

Program development refers to the planning and implementation actions program administrators take to create and manage a program.

Stakeholder Engagement

Community Assessment and Barriers Analysis

Action Planning

Metrics and Indicators
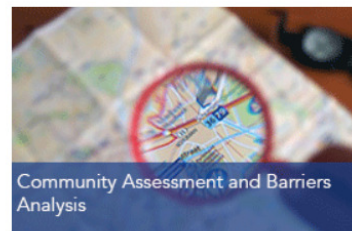
CELICA PROGRAM MODELS

Program model refers to the defining features of a program, such as target market, key product and service attributes, terms and conditions, resource flows and benefits.

Single Family Housing

Multifamily Housing

Community Solar
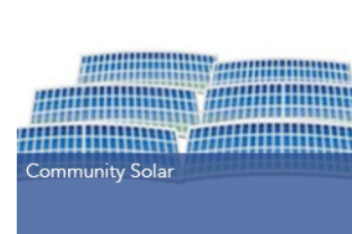
Low-income Energy Affordability Data (LEAD) Tool

https://www.energy.gov/eere/slsc/maps/lead-tool

> Goal: Help stakeholders make data-driven decisions on energy goals and program planning by improving their understanding of low income and moderate income household energy characteristics.
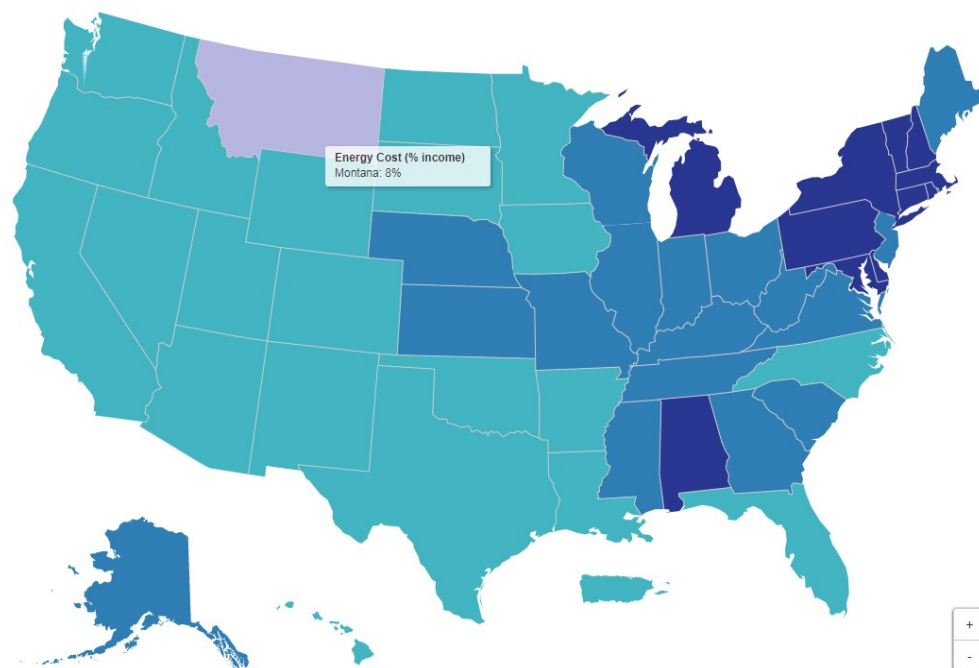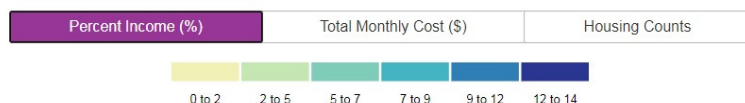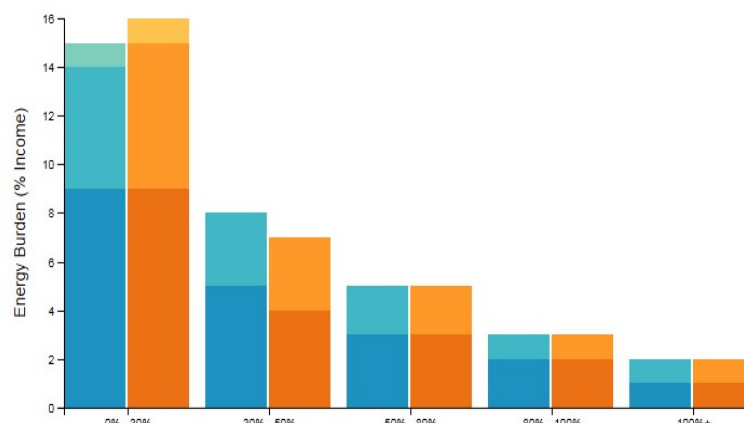
Review of Agenda

Peer Exchange

Get ready to apply what you've learned during the Forum to work with a team in developing a hypothetical SEP program! Using the activities we often see pursued using Formula funds, the SEP team has developed a list of topics to discuss in small groups with your peers:

1) State Energy Planning
2) Serving Rural Sectors
3) Serving Low to Moderate Income Sectors
4) K-12 Engagement
5) Public Buildings
6) Transportation
7) Workforce Development
8) Increasing Renewable Capacity
9) Energy Assurance Planning
10) Grid Modernization

QUESTIONS?

THANK YOU!

Amy Royden-Bloom

Amy.Royden-Bloom@ee.doe.gov