



SEE Action

STATE ENERGY EFFICIENCY ACTION NETWORK

State and Local Energy Efficiency Action Network

Update for NASEO 2015 Annual Meeting

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US Department of Energy

About SEE Action

Goal: All cost-effective energy efficiency by 2020

- Network of 200+ leaders and professionals, led by state and local policymakers, bringing EE to scale at state & local levels
- Facilitated by DOE and EPA; successor to the National Action Plan for Energy Efficiency



The SEE Action Network is active in the largest areas of challenge and opportunity to advance energy efficiency



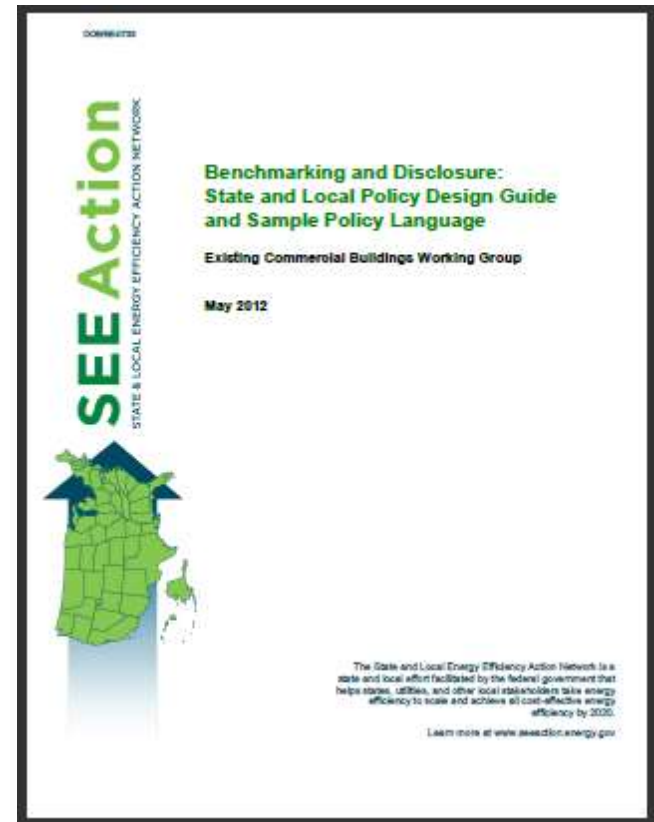
What SEE Action Does

Support on energy efficiency policy and program decision making for:

- Energy office directors, utility regulators, air directors
- Legislators, governors, mayors, county officials
- Consumer advocates, other stakeholders

Based on experience, a library of:

- Best practices
- Considerations for decision making
- Analysis of current approaches



Audiences



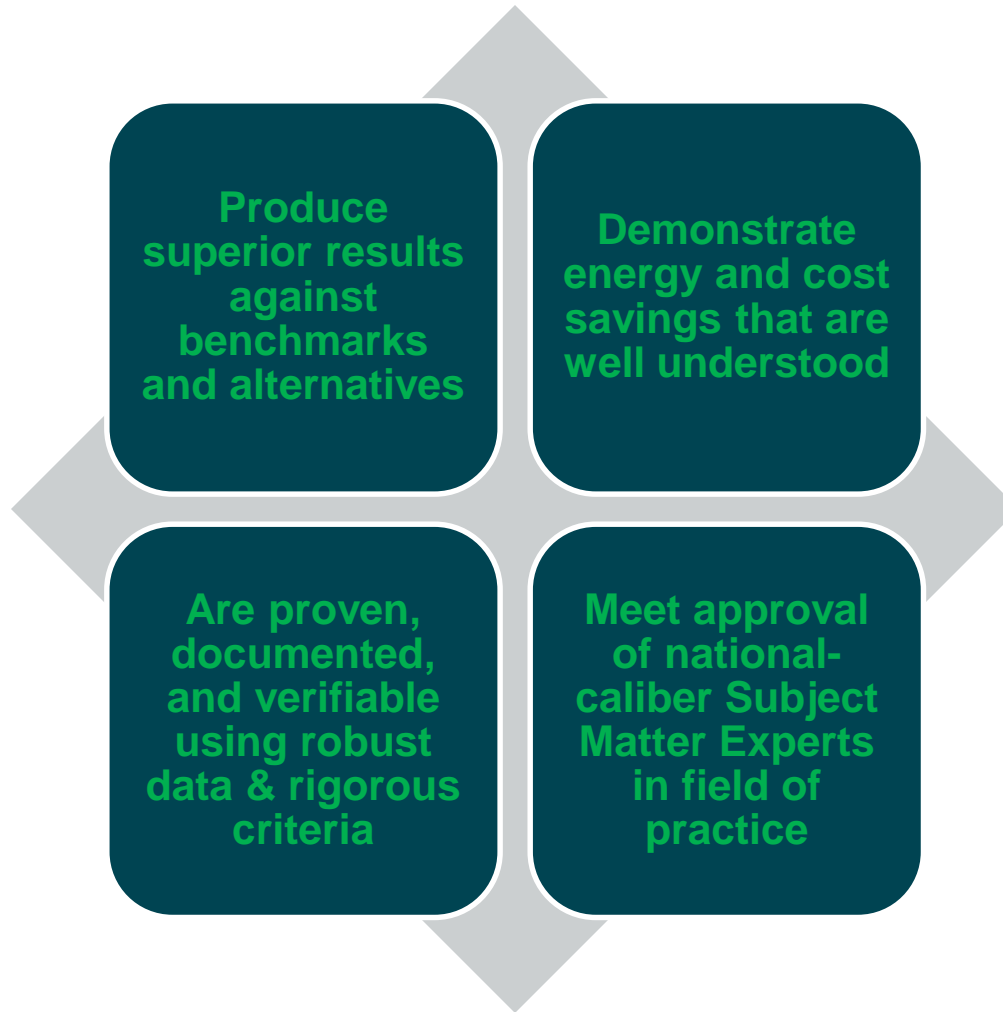
National
Association of
Regulatory
Utility
Commissioners



NATIONAL
LEAGUE
of **CITIES**



SEE Action Guidance Documents



A Unique and Effective Effort

*The great thing about SEE Action is that they are **leveraging the expertise of a diverse group of stakeholders to develop valuable resources** that can help any stakeholder gain a better understanding of these issues and barriers, as well as potential solutions.*

*Often there are no quick fixes or absolute best practices, but the SEE Action materials and events can help you gain a better understanding of key considerations very quickly. **If you are actively engaged in energy efficiency policy, you should definitely have SEE Action on your radar.***

Anne-Marie Peracchio
Director, Conservation and Affordability
New Jersey Natural Gas



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Making an Impact

“By utilizing this SEE Action resource, our group delivered a cost-effective, well-written set of protocols consistent with national best practices to the Commission, ultimately benefiting Arkansas ratepayers statewide.”

Scott Dimetrosky
Apex Analytics and Arkansas Independent Evaluation Monitor team

Arkansas - TRM Behavior-Based Program Evaluation Protocol

“This protocol was developed based upon the recommended best practices described [by] the State and Local Energy Efficiency (SEE) Action Network. . .” (Sept. 2012)

California - Docket filing by Opower

“The wisdom of this [CPUC] decision was subsequently underscored by the State and Local Energy Efficiency (SEE) Action Network report . . . which found that ex post measurement and experimental design are consistent with best practices for measurement of residential behavioral programs.” (July 2012)

Illinois - Comments filed by C3

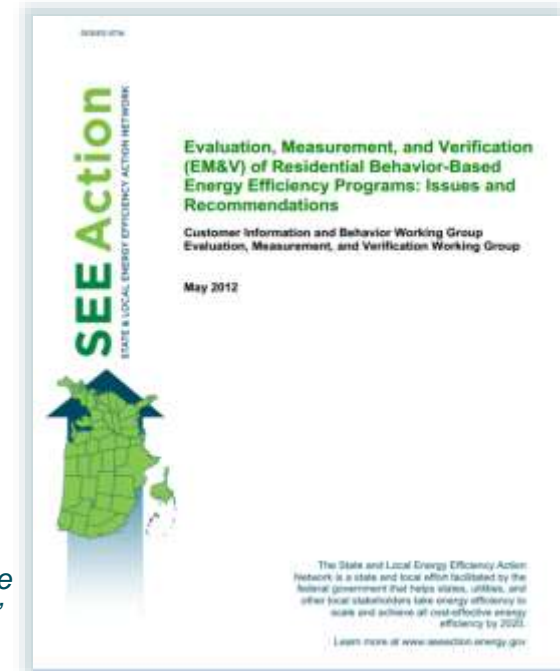
“Savings are evaluated using experimental and quasi-experimental design to compare the change in energy use of a ‘treatment group’ (participants) to the change in energy use of a control group,” citing the report as a relevant authority for aspects program design. (Sept. 2012)

Massachusetts - EE Advisory Council Behavioral Program Evaluation Report

“[T]he evaluation team has developed a number of standard practices and recommended next-steps for third-party evaluation of the behavioral programs. Some of these are covered in recent best practices. . .” (July 2012)

Washington - PacifiCorp DSM Docket

PacifiCorp agreed “to adopt similar approaches identified in LBNL report” after state Public Counsel recommended specific actions based on report (July 2012)



Value to Decision Makers

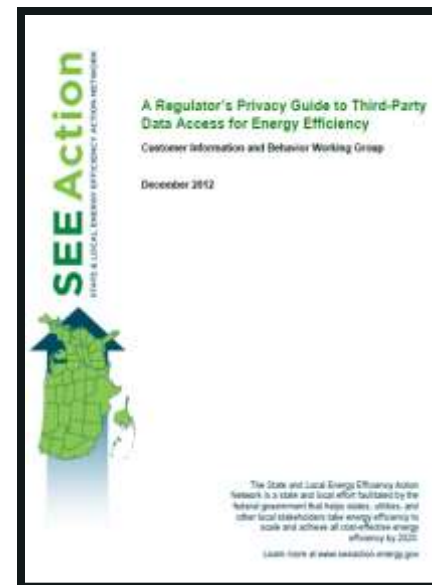


“SEE Action’s *A Regulator’s Privacy Guide to Third-Party Data Access for Energy Efficiency* informed Minnesota regulators about issues and policy options related to providing access to customer energy use information for efficiency purposes, while protecting sensitive information about customers’ identities and utility services provided. As the Commission continues the stakeholder process, the guide will continue to be a valuable resource and reference.”

*Phyllis Reha
Former Minnesota PUC Commissioner*

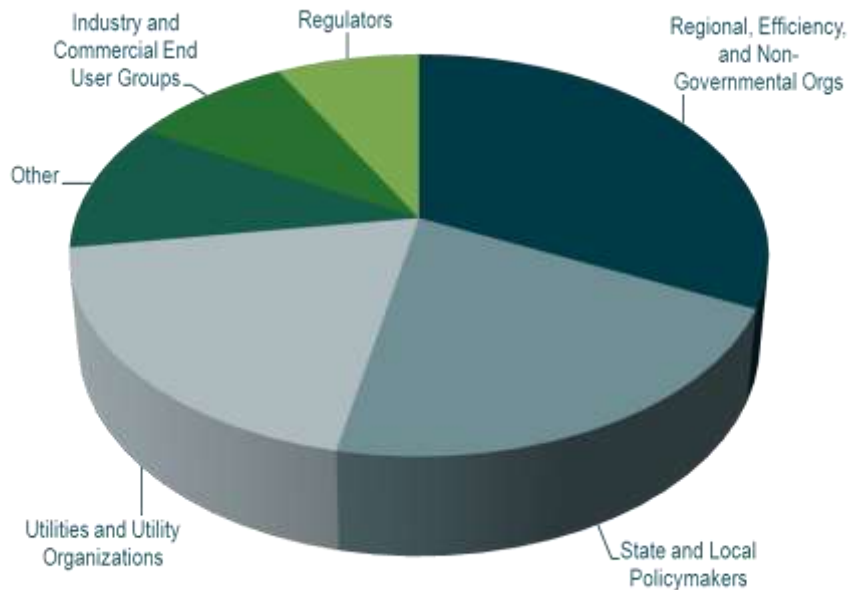
“As an ever-increasing number of jurisdictions consider adopting benchmarking and disclosure policies, it is important that these programs be as harmonious as possible, in order to increase effectiveness and reduce regulatory burden. SEE Action’s *Benchmarking and Disclosure: State and Local Policy Design Guide and Sample Policy Language* helps accomplish this, by providing a standard that we can direct our peer cities to that builds on the best practices learned by early adopters like the District of Columbia.”

*Marshall Duer-Balkind
Program Manager, Building Energy Benchmarking
Government of the District of Columbia*



Network Membership and Structure

*Over 200 professionals
representing over 130
organizations*



Executive Group

- Provides visionary leadership, strategic direction, and drive to meet goals

Working Group Co-Chairs

- Oversee development and dissemination of information resources for state/local leaders

Working Group Members

- Provide technical expertise to ensure quality; help shape Working Group goals & activities



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SEE Action Leadership: Executive Group

Dave Danielson DOE/EERE, **Pat Hoffman** DOE/OE, **Janet McCabe** EPA/OAR

Al Skodowski Transwestern

Clay Nesler Johnson Controls

Cheryl Roberto Environmental Defense Fund

Chuck Gray NARUC

David Jacot, Los Angeles Dept of Water & Power

David Terry NASEO

Debra DeHaney-Howard USCM

Dian Grueneich Dian Grueneich Consulting

Don Gilligan NAESCO

Ed Wisniewski CEE

Gene Rodrigues ICF International

Glen Andersen NCSL

Greg Bergtold Dow Chemical Company

Jennifer Easler IA Office of Consumer Advocate

Kateri Callahan Alliance to Save Energy

Kit Kennedy Natural Resources Defense Council

Larry Downes NJ Resources

Len Peters Kentucky Energy & Environment Cabinet

Lisa Jacobson Bus. Council for Sustainable Energy

Lisa Wood IEE – Innovation, Electricity, Efficiency

Malcolm Woolf Advanced Energy Economy

Mary Ann Ralls NRECA

Nancy Seidman, MA Dept of Environmental Protection

Ashley Duckman American Gas Association

Rebecca Craft Consolidated Edison

Rick Tempchin Edison Electric Institute

Sandra Byrd Arkansas Electric Cooperative Corp.

Steve Bicker Tacoma Power

Steve Nadel ACEEE

Sue Gander NGA Center for Best Practices

Ursula Schryver American Public Power Association



SEE Action Leadership: Working Groups

Working Group	Co-Chairs
Residential Retrofit	Susan Ackerman , Oregon Public Utility Commission Frank Murray , formerly NYSERDA
Existing Commercial Buildings	Eric Coffman , Dept. of Environmental Protection, Montgomery County MD Carolyn Sarno , Northeast Energy Efficiency Partnerships
Industrial Energy Efficiency and CHP	Todd Currier , Washington State University Extension Energy Program Chad Smith , Ohio Air Quality Development Authority
Evaluation, Measurement & Verification	Tina Halfpenny , Northeast Energy Efficiency Partnerships Tom Eckman , Northwest Power and Conservation Council
Financing Solutions	Bryan Garcia , Connecticut Green Bank Bruce Schlein , Citi
Ratepayer-Funded Efficiency	Robert Kenney , Missouri Public Service Commission Jennifer Easler , Iowa Office of Consumer Advocate
Customer Information and Behavior	Rebecca Wagner , Nevada Public Utilities Commission Jessica Burdette , Minnesota Dept of Commerce, Div of Energy Resources



Publications Sample

- **Accessing Secondary Markets as a Capital Source for EE Finance Programs**
- **Financing Energy Improvements on Utility Bills**
- **Successful Implementation of State CHP Policies**
- **Designing Effective State Programs for the Industrial Sector**
- **Privacy Issues and Third-Party Data Access for Energy Efficiency**
- **Energy Efficiency Program Impact Evaluation Guide**
- **Setting Energy Savings Targets for Utilities**
- **Using Integrated Resource Planning to Encourage Investment in EE**



Coming Soon

- **Designing Energy Efficiency Collaboratives**
- **Performance Incentive Mechanisms for Utilities**
- **Regulatory Context of EE Financing Programs**
- **Policies to Advance Residential EE**
- **Behavior Based EE Program Other than Home Energy Reports**
- **Industrial Customer Decision to Opt Out of EE Programs**
- **Examples of Successful Industrial-Utility Partnerships**
- **Leveraging Commercial Building EE Data**
- **Financing Program Data Collection Recommendations to Lower Capital Costs**



“Pathways” Guide for Air Regulators

- *Energy Efficiency as a Least-Cost Strategy to Reduce Greenhouse Gas Emissions and Meet Energy Needs in the Power Sector*
(working title)
- For state officials, including air regulators as a primary audience, as well as state energy offices, utility regulators, and other policymakers.
- Priority opportunity to assist states near-term
- “No regrets” approach
- Complementary to NASEO case studies, NACAA menu of options, other resources



Content of Guide: 5 Pathways

1. Ratepayer-funded programs

- “Quick Start”, deeper savings portfolio

2. State-led Efforts

- Performance contracting, financing access, state appliance and equipment standards

3. Local-led Efforts

- Building performance policies, local assets, voluntary programs

4. Large Energy Users

- Strategic energy management, voluntary challenges, CHP

5. Building Codes

- Adoption and compliance



Example Sections of Pathway Chapter

- Pathway definition/description
- Requisite policies
- Successful case studies
- Commonly accepted M&V methods
- Expected range of energy savings and emissions reductions
- Screening questions – e.g., impact, cost, responsibility

Thank You

Visit www.seeaction.energy.gov

Contact

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