

NATURAL GAS

May 7, 2012

SEE Action Network:

An Energy Efficiency Resource
for Natural Gas Utilities



AGA
American Gas
Association

Speakers:

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U.S. Department of Energy

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SEE Action

STATE ENERGY EFFICIENCY ACTION NETWORK

Overview of the State and Local Energy Efficiency Action Network

Johanna Zetterberg

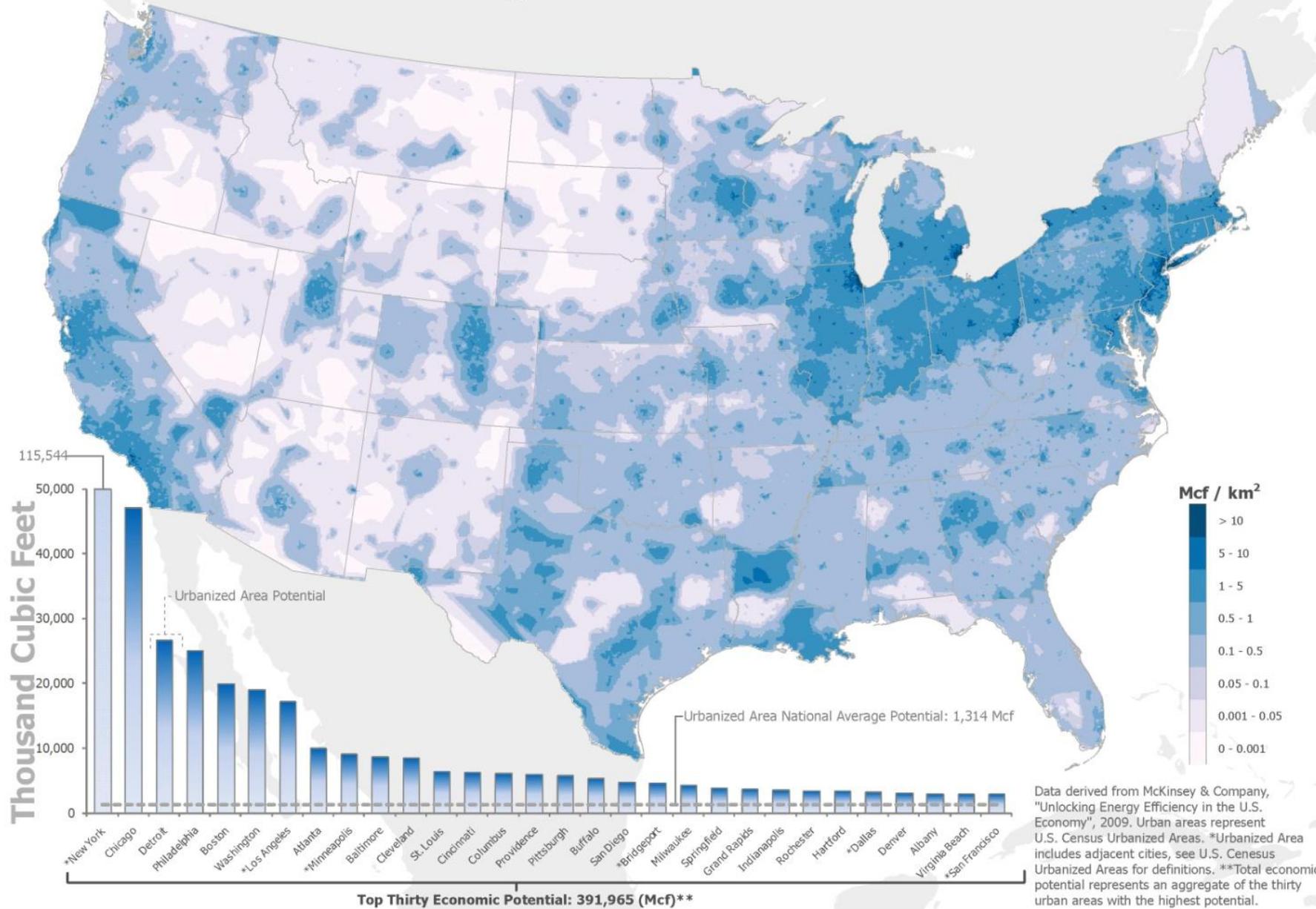
Coordinator, SEE Action Network

US Department of Energy

Natural Gas Energy Efficiency

Total Economic Potential Savings - 2020

Date: 06-21-2010; Map Authors: Anthony Lopez & Seung-Jae Lee
 Map produced by NREL for the U.S. Department of Energy

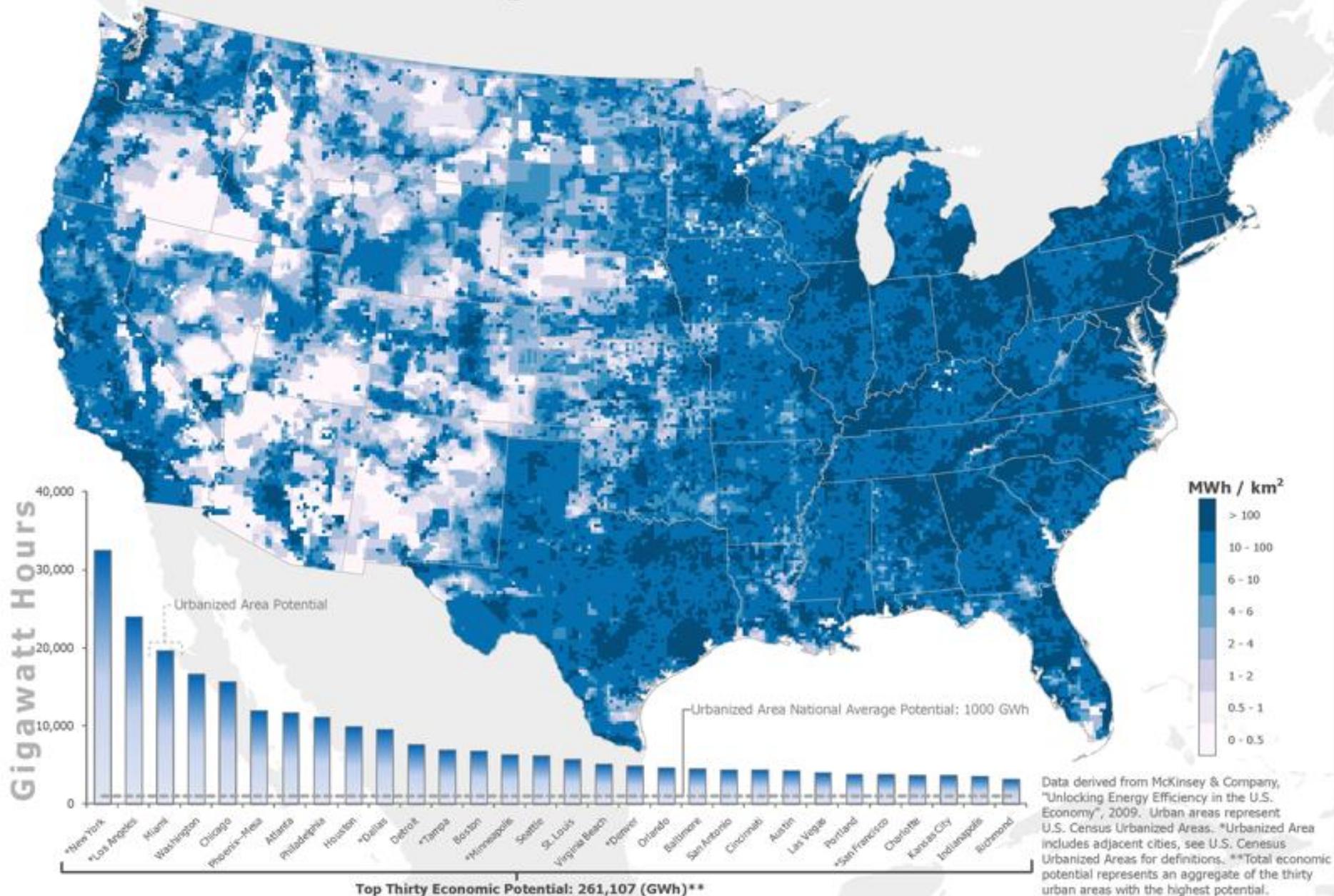


Data derived from McKinsey & Company, "Unlocking Energy Efficiency in the U.S. Economy", 2009. Urban areas represent U.S. Census Urbanized Areas. *Urbanized Area includes adjacent cities, see U.S. Census Urbanized Areas for definitions. **Total economic potential represents an aggregate of the thirty urban areas with the highest potential.

Electricity Energy Efficiency

Total Economic Potential Savings - 2020

Date: 06-21-2010; Map Authors: Anthony Lopez & Seung-Jae Lee
Map produced by NREL for the U.S. Department of Energy



Achieving the Potential

- EE remains one of the most cost effective¹ ways to address challenges
 - High consumer energy prices
 - Fuel price volatility
 - Transmission and distribution infrastructure expansion costs
 - Localized system reliability
 - Environmental and public health costs of GHGs and air pollution
 - National energy security and independence
- Cost-effective EE can play a significant role in meeting energy requirements and save hundreds of millions of dollars²
 - \$50B/year² cost-effective investment potential; **not yet achieving full potential**
- Decision makers can benefit from information on best practice approaches to overcoming barriers to greater investment in EE

¹Average cost of efficiency savings ~ 4.6 cents per kWh including participant costs. ACEEE, *Saving Energy Cost-Effectively: A National Review of the Cost of Energy Saved Through Utility-Sector Energy Efficiency Programs*
²McKinsey, *Unlocking EE in the US Economy*



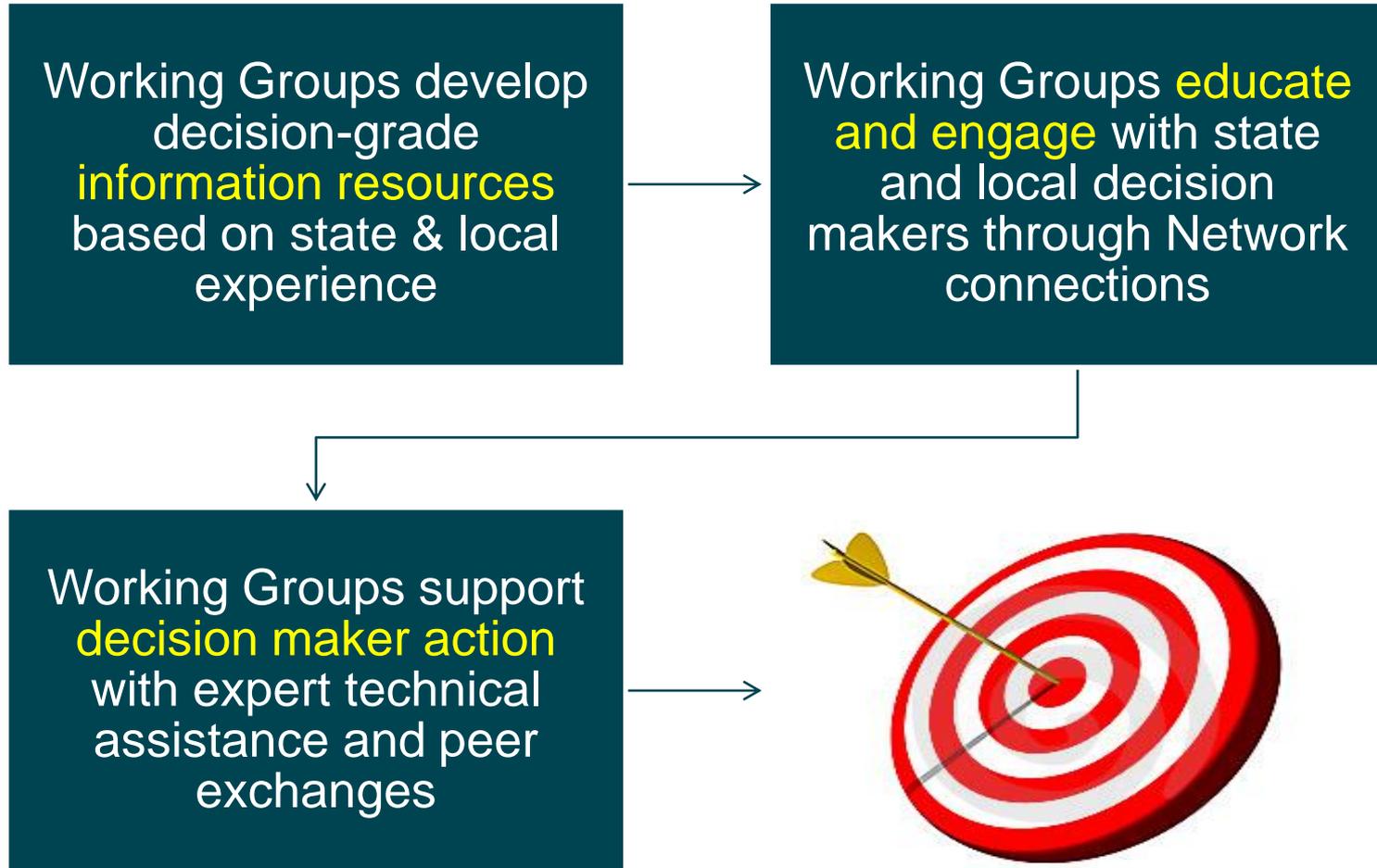
The SEE Action Network

Goal: achieve all cost-effective energy efficiency by 2020

- State- and local-led initiative to take energy efficiency to scale through state and local policies and programs
- Information resources to support state and local decision makers
 - Decision-grade guides on time-tested best practices
 - Successful state/local approaches to new and emerging issues
 - Technical assistance from national experts
- Successor to the National Action Plan for Energy Efficiency
<http://www.epa.gov/cleanenergy/energy-programs/suca/resources.html>

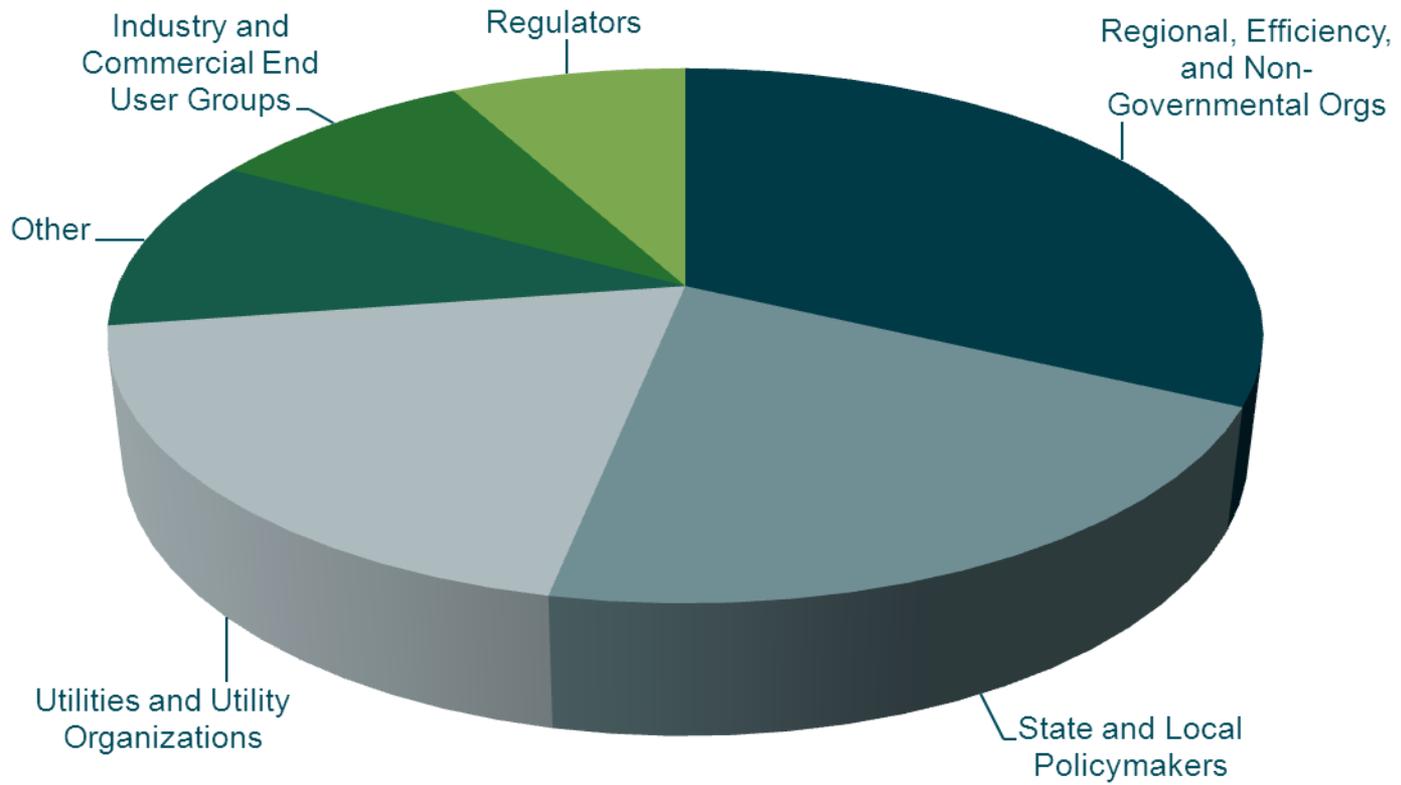


How We Reach Our Goal



Who is SEE Action?

Over 200 professionals representing over 130 organizations



SEE Action Working Groups



Working Group Leadership

Susan Ackerman, OR PUC
Vaughn Clark, OK SEO
Todd Currier, WA SEO
Jennifer Easler, IA Consumer Advocate
Joshua Epel, CO PUC
Jim Gallagher, NY ISO
Bryan Garcia, CT Clean Energy Fund
Frank Murray, NY SEO
Pat Oshie, WA PUC
Phyllis Reha, MN PUC
Cheryl Roberto, OH PUC
Janet Streff, MN SEO
Keith Welks, PA Treasury
Malcolm Woolf, MD SEO



AGA and Its Members in SEE Action

Organization	Executive Group	Ratepayer-Funded EE	EM+V	Commercial Buildings	IEE/CHP	Residential Retrofits	Customer Info & Behavior	Financing Solutions
American Gas Association	●	●	●	●	●			
Baltimore Gas & Electric Company		●						
Consolidated Edison	●	●	●	●				
Duke Energy	●	●		●				
Gainesville Regional Utility						●		
Mid American		●	●					
National Grid			●					
NJ Resources	●	●						
Puget Sound Energy								
So Cal Gas			●		●			
Electric Utilities	E	E	E	E	E	E	E	E



Ratepayer-Funded EE Working Group

Year 1 Goal: 5 additional states implementing policies that motivate utilities to support EE initiatives that target all cost-effective EE.

Priority Topics:

- Utility financial incentives
 - EE cost recovery
 - Mitigating or eliminating the throughput incentive
 - Aligning customer/utility interests
- Regulatory support
 - IRP, planning, portfolio management
 - Building Codes and appliance standards
 - Targets / goals
- Bill and rate impacts
- Method of energy efficiency program delivery
- Customer service and satisfaction

http://www1.eere.energy.gov/seeaction/ratepayer_efficiency.html



SEE Action
STATE ENERGY EFFICIENCY ACTION NETWORK

www.seeaction.energy.gov

Ratepayer-Funded EE Working Group

Co-Chairs

Cheryl Roberto (Ohio Public Utilities Commission)

Jennifer Easler (Iowa Office of Consumer Advocate)

Policymakers

Ellie Friedman (Colorado PUC)

Marsha Smith (Idaho PUC)

Robert Clayton (Missouri PSC)

Brian Rounds (South Dakota PUC)

Consumers

Bob Nelson (Montana Consumer Counsel)

Wilson Gonzalez (Ohio Consumer Counsel)

NGOs

Steve Nadel (ACEEE)

Derek Murrow (Environment Northeast)

Lisa Wood (IEE)

Kit Kennedy (NRDC)

John Sibley (Southface)

Practitioners/Utilities

Sheldon Switzer (Baltimore Gas and Electric)

Rebecca Craft (Con Edison)

Jared Lawrence (Duke Energy)

Diane Munns (MidAmerican Energy)

Janet Besser (formerly National Grid)

Dena DeLucca (New Hampshire Electric Cooperative)

Anne-Marie Peracchio (New Jersey Natural Gas)

Associations

Cynthia Marple (AGA)

Rick Tempchin (EEI)

Don Gilligan (NAESCO)

Jeff Genzer (NASEO)

Miles Keogh (NARUC)

John Holt (NRECA)



Sample Information Resources for Utilities and Regulators

Regulatory Policy Navigation Guide/Game

Experiential learning tool designed to help regulators navigate the wealth of existing information on available regulatory options to address utilities' financial barriers to adopting energy efficiency programs (Fall 2012)

Using Integrated Resource Planning to Encourage Investment in Cost-Effective Energy Efficiency

How state policy can promote cost-effective energy efficiency by requiring or encouraging utility planning processes that allow demand side resources to compete with supply-side resources (available now)

Analyzing and Managing Bill Impacts of Energy Efficiency Programs

Principles and recommendations for understanding and managing concerns about bill and rate impacts of ratepayer-funded energy efficiency programs (available now)

Setting Energy Savings Targets for Utilities

How electric and natural gas utilities can achieve greater efficiency through numeric energy savings targets (available now)

Regulator's Guide to Data Access and Privacy

Guidance on how states are approaching customer and third-party access to energy use information to drive energy efficiency savings while respecting privacy concerns (Summer 2012)

Uniform Methods Project

Will provide standardized protocols for measuring energy savings from common energy efficiency measures to reduce EM&V costs, enable comparison of savings across programs, and strengthen the credibility of energy efficiency (first 7 in late 2012)

Guide to the Successful Implementation of State CHP Policies

This Guide will provide state utility commissions with actionable information based on effective state strategies to assist them in implementing CHP policies (Summer 2012)



Policy Assistance for Regulators

- Policy assistance on utility energy efficiency provided on an as-requested basis
- Providers include Regulatory Assistance Project, Lawrence Berkeley National Lab and others
- Provided through DOE Office of Electricity Delivery and Energy Reliability

<http://energy.gov/oe/downloads/oe-state-and-regional-electricity-policy-assistance-program>



Other Technical Assistance



U.S. DOE



CLEAN ENERGY
APPLICATION CENTERS



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STATE ENERGY EFFICIENCY ACTION NETWORK

www.seeaction.energy.gov

Get Involved

- Read and share SEE Action information resources with decision makers who can benefit from them
- Join a SEE Action Working Group or be a technical reviewer on information resources under development
- Contact Johanna Zetterberg, SEE Action Coordinator, for more information



Thank You

Visit www.seeaction.energy.gov

Contact

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AGA Member Perspective

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New Jersey Natural Gas Company

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AGA Staff Participation

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- **Evaluation, Measurement and Verification**
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Questions