SEE Action Network:
An Energy Efficiency Resource for Natural Gas Utilities
Speakers:

Johanna Zetterberg
Coordinator, State and Local Energy Efficiency Action Network
U.S. Department of Energy

Katrina Pielli
Senior Policy Advisor and Acting CHP Deployment Lead
U.S. Department of Energy

Anne-Marie Peracchio
Director, Conservation and Clean Energy Policy
New Jersey Natural Gas
Overview of the State and Local Energy Efficiency Action Network

Johanna Zetterberg
Coordinator, SEE Action Network
US Department of Energy
Electricity Energy Efficiency
Total Economic Potential Savings - 2020

Gigawatt Hours

Urbanized Area Potential

Urbanized Area National Average Potential: 1000 GWh

Achieving the Potential

• EE remains one of the most cost effective 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 dollars
  – $50B/year 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

www.seeaction.energy.gov
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

- Working Groups develop decision-grade information resources based on state & local experience
- Working Groups educate and engage with state and local decision makers through Network connections
- Working Groups support decision maker action with expert technical assistance and peer exchanges

www.seeaction.energy.gov
Who is SEE Action?

Over 200 professionals representing over 130 organizations

- Industry and Commercial End User Groups
- Regulators
- Regional, Efficiency, and Non-Governmental Orgs
- Utilities and Utility Organizations
- State and Local Policymakers
- Other
SEE Action Working Groups

Customer Information & Behavior
Residential Retrofit
Existing Commercial Buildings
Building Energy Codes
Ratepayer-Funded Efficiency Policies
Industrial Energy Efficiency & CHP
Financing Solutions
EM&V

SEE Action Goal: ALL COST-EFFECTIVE ENERGY EFFICIENCY

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

www.seeaction.energy.gov
### AGA and Its Members in SEE Action

<table>
<thead>
<tr>
<th>Organization</th>
<th>Executive Group</th>
<th>Ratepayer-Funded EE</th>
<th>EM+V</th>
<th>Commercial Buildings</th>
<th>IEE/CHP</th>
<th>Residential Retrofits</th>
<th>Customer Info &amp; Behavior</th>
<th>Financing Solutions</th>
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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
# Ratepayer-Funded EE Working Group

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<tr>
<th>Co-Chairs</th>
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<tr>
<td>Cheryl Roberto (Ohio Public Utilities Commission)</td>
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<td>Jennifer Easler (Iowa Office of Consumer Advocate)</td>
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<td>Ellie Friedman (Colorado PUC)</td>
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<td>Marsha Smith (Idaho PUC)</td>
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<td>Robert Clayton (Missouri PSC)</td>
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<td>Brian Rounds (South Dakota PUC)</td>
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<td>Bob Nelson (Montana Consumer Counsel)</td>
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<td>Wilson Gonzalez (Ohio Consumer Counsel)</td>
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<th>NGOs</th>
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<tr>
<td>Steve Nadel (ACEEE)</td>
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<td>Derek Murrow (Environment Northeast)</td>
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<td>Lisa Wood (IEE)</td>
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<td>Kit Kennedy (NRDC)</td>
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<td>John Sibley (Southface)</td>
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<th>Practitioners/Utilities</th>
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<td>Sheldon Switzer (Baltimore Gas and Electric)</td>
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<td>Rebecca Craft (Con Edison)</td>
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<td>Jared Lawrence (Duke Energy)</td>
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<td>Diane Munns (MidAmerican Energy)</td>
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<td>Janet Besser (formerly National Grid)</td>
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<td>Dena DeLucca (New Hampshire Electric Cooperative)</td>
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<td>Anne-Marie Peracchio (New Jersey Natural Gas)</td>
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<tr>
<td>Cynthia Marple (AGA)</td>
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<td>Rick Tempchin (EEI)</td>
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<td>Don Gilligan (NAESCO)</td>
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<td>Jeff Genzer (NASEO)</td>
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<td>Miles Keogh (NARUC)</td>
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<td>John Holt (NRECA)</td>
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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

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

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Questions