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STATE ENERGY EFFICIENCY ACTION NETWORK

Energy Provider-Government Partnerships: Progress through the SEE Action Network

Hon. Phyllis Reha

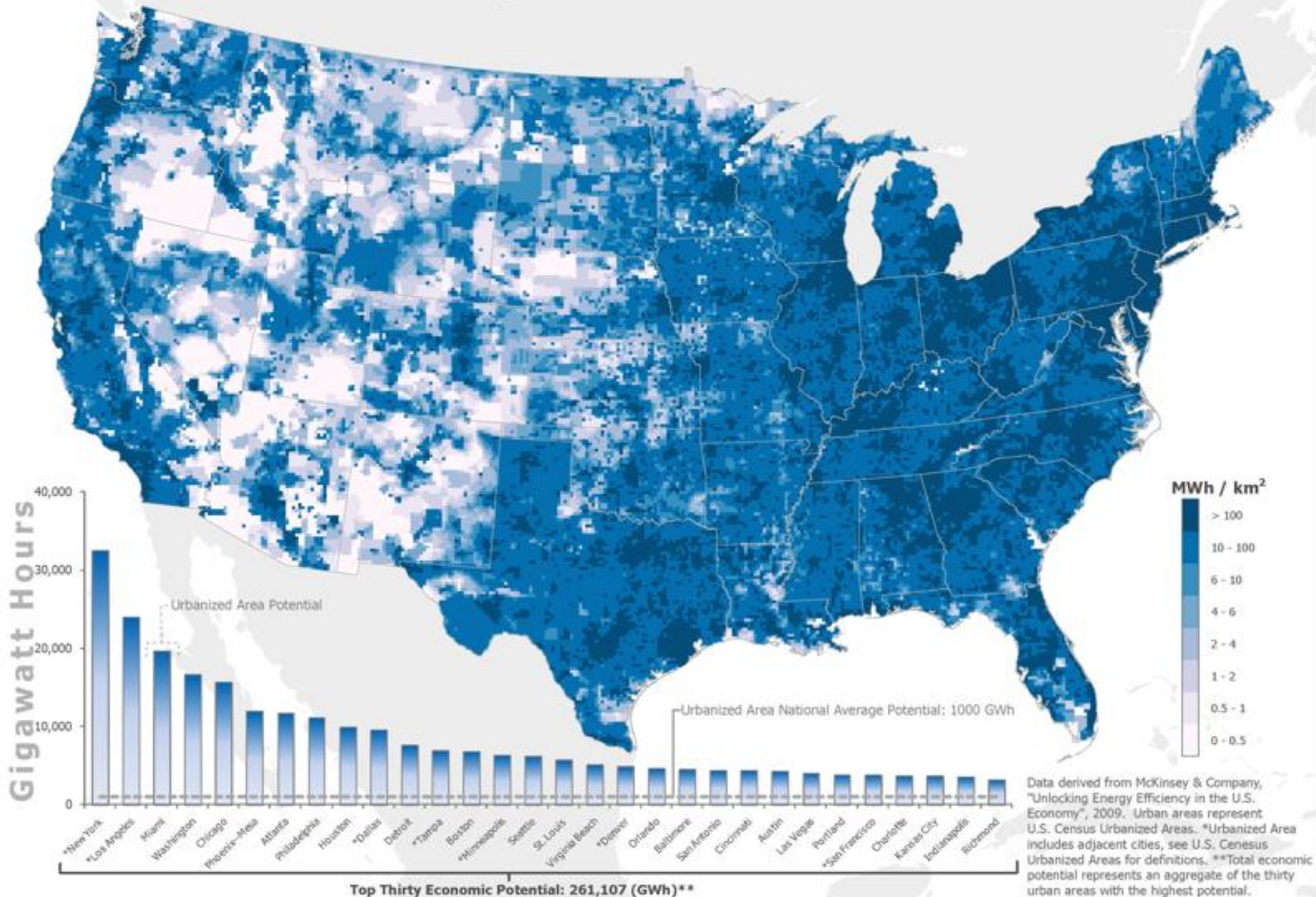
Vice Chair, Minnesota Public Utilities Commission

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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
 - 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 current state/provider 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*



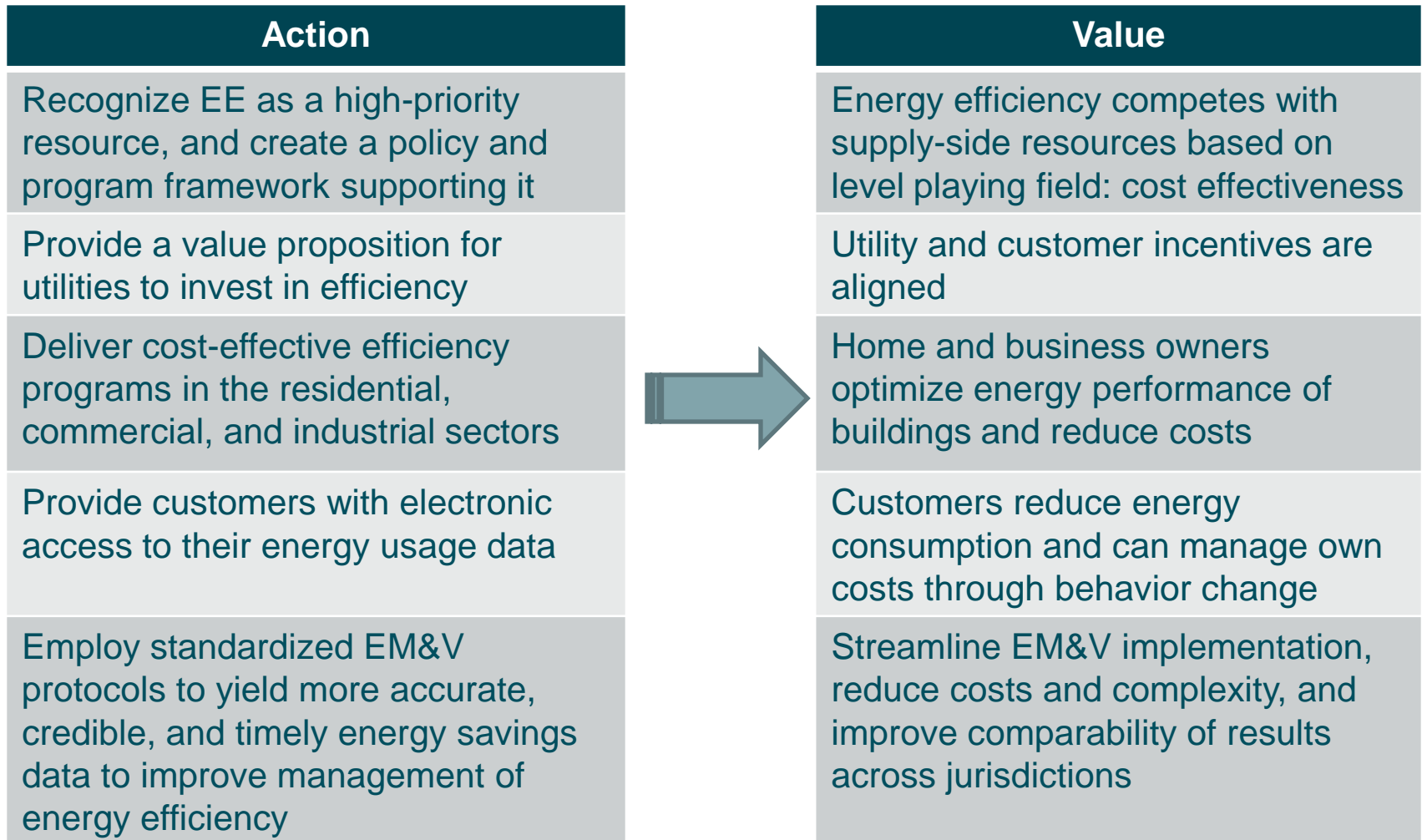
The SEE Action Network

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
 - State/local approaches to new and emerging issues
 - Technical assistance from national experts
- Successor to the National Action Plan for Energy Efficiency



High-Impact Actions for Regulators and Providers



Information Resources for Providers and Regulators

EM&V for Behavior-Based Energy Efficiency Programs

Technically valid methods for estimating energy savings from programs that reduce residential energy consumption and consumer costs through behavior change and information feedback.

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.

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.

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.

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.

Setting Energy Savings Targets for Utilities

How electric and natural gas utilities can achieve greater efficiency through numeric energy savings targets.



Policy Assistance for Providers and 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>





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Energy Providers in the SEE Action Network



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www.seeaction.energy.gov

SEE Action Working Groups



Working Group Leadership

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For More Information

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