



MEEA
Midwest Energy Efficiency Alliance

STATEWIDE STRATEGIES FOR LOCALIZED SAVINGS: THE ILLINOIS HOME PERFORMANCE APPROACH

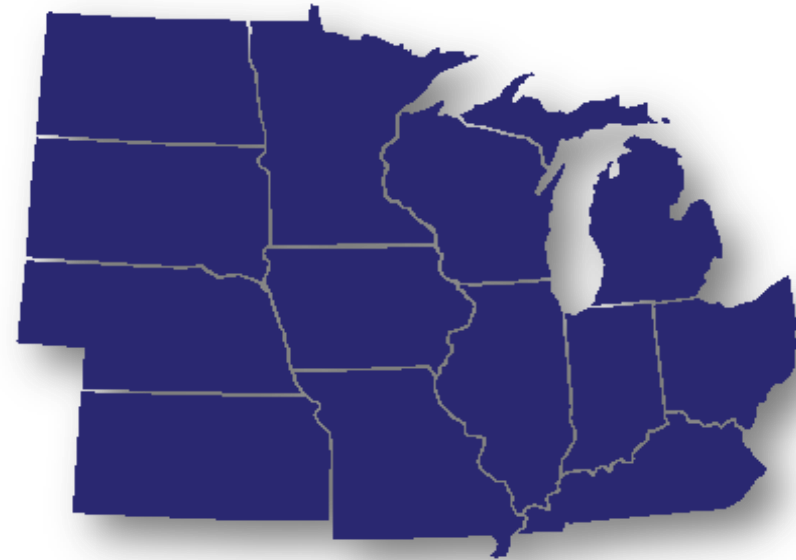
Kelsey Horton

Presented at the 2015 ACEEE National
Conference on Energy Efficiency as a Resource

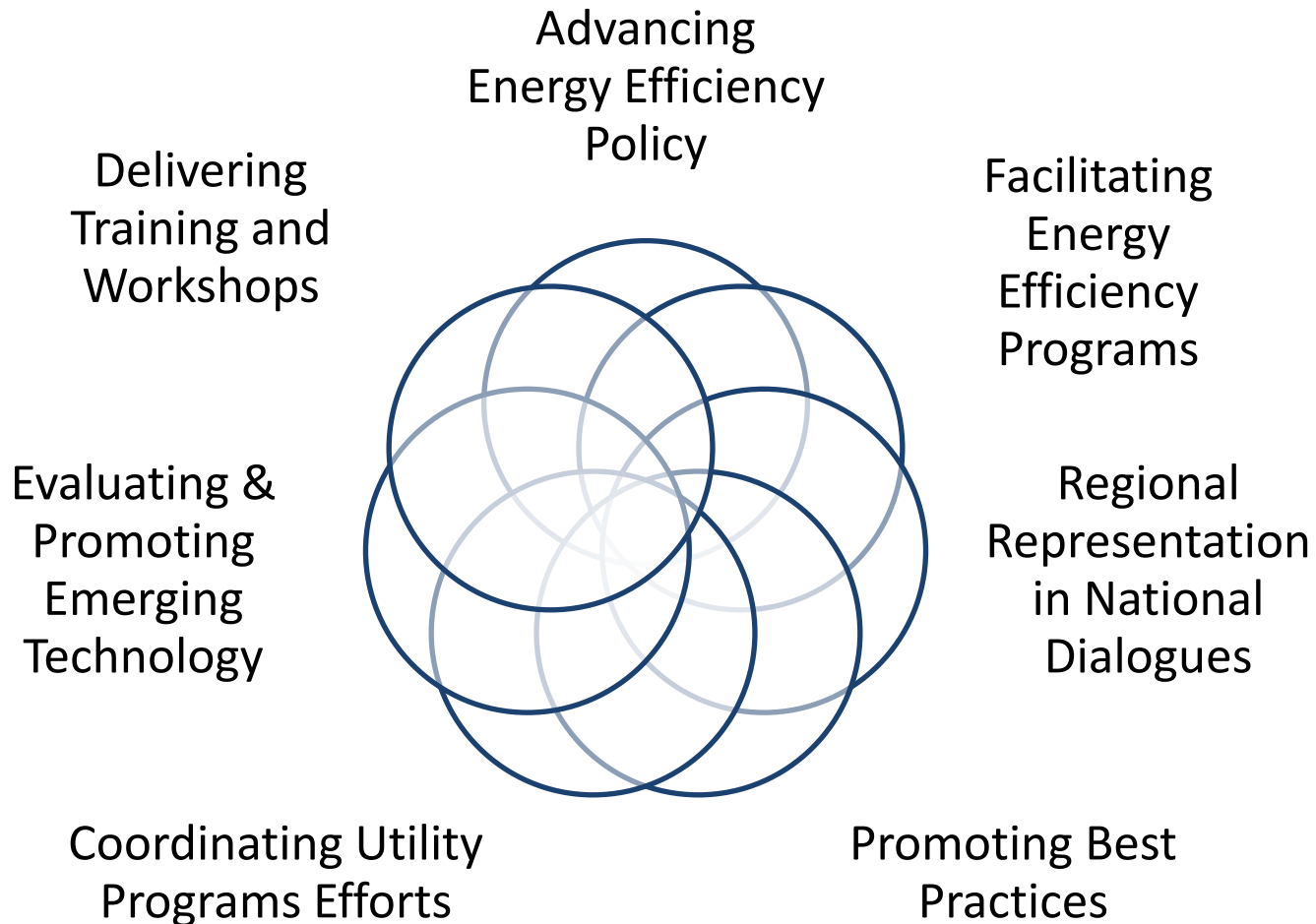


Midwest Energy Efficiency Alliance

MEEA is a nonprofit organization bridging the gap between energy efficiency policy development & program implementation



MEEA's Role as a Resource





Improve the comfort, safety and value of your home through an Illinois Home Performance with ENERGY STAR® upgrade.



What is Illinois Home Performance?



The Certificate of Completion



Get Started

Learn more about the program by clicking the links above. When you're ready, we'll help you get started! [Click here](#) to contact us for more information or let us know you're ready to take the next step.

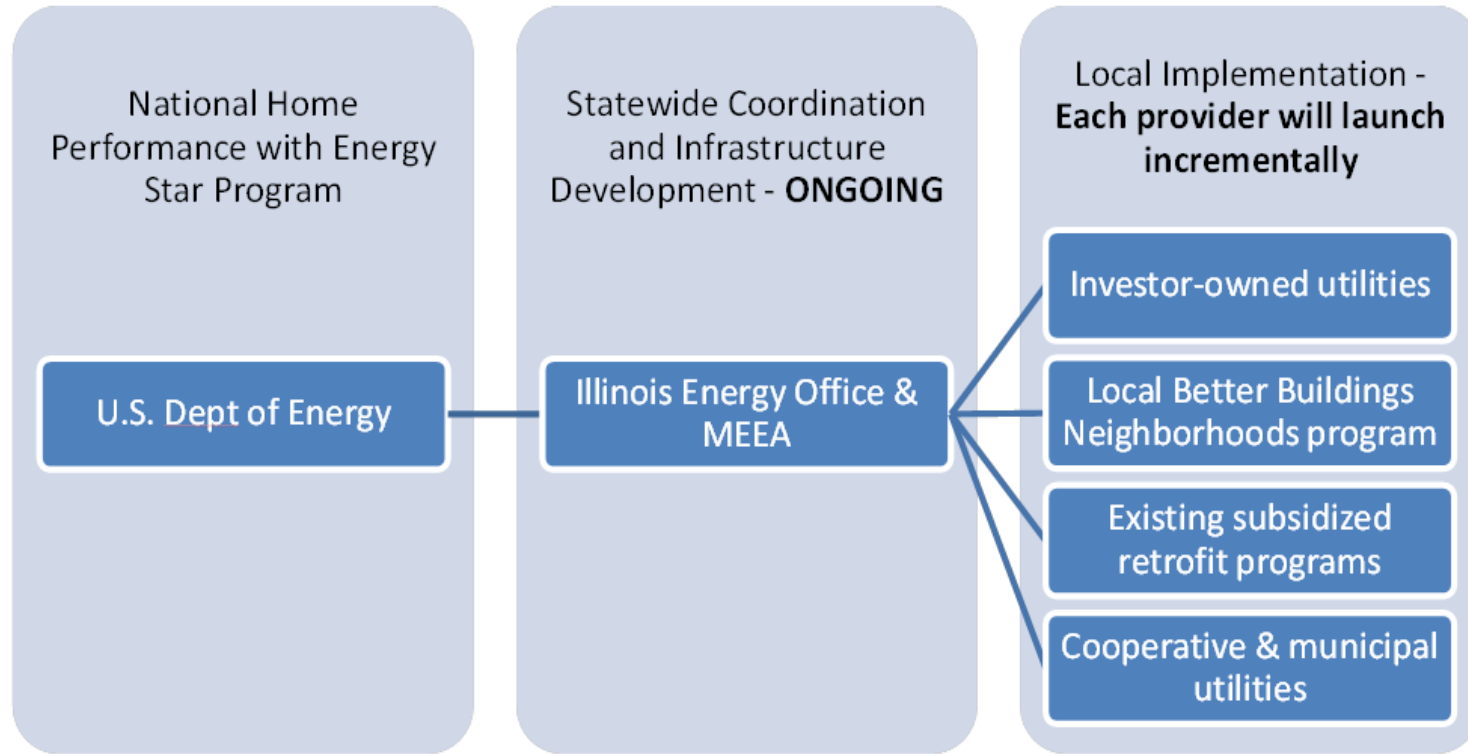
SIGN UP ►

Basics

- Illinois' version of national Home Performance with ENERGY STAR® program
- Statewide platform for whole home retrofit programs
- Existing, 1-4 unit homes throughout Illinois with no income eligibility criteria
- Results in Illinois Home Performance with ENERGY STAR Silver and Gold certifications
- IL DCEO grant with ratepayer funding



A Statewide Program Platform that's Implemented Locally



Major Responsibilities
→

- Program requirements
- Guidance & support
- Marketing templates

- Statewide coordination
- Homeowner education
- Contractor training & outreach
- Enrollment of contractors in "base" program
- Other support activities, as desired

- Program delivery
- Rebates/financing
- Local marketing
- Quality assurance
- Interfacing with local participants (homeowners and contractors)



**Illinois Home
Performance**

www.IllinoisHomePerformance.org

Silver Certificate of Completion

Home address:

123 Sample Street
Sample, IL 60000

Contractor:

ABC Green Contractor Company

Program Provider:




Program Provider

Work Completed On*:

9/22/2015

*Certificate issued 9/22/2015 by the Midwest Energy Efficiency Alliance (MEEA) on behalf of the Illinois Energy Office based solely on the reporting by or estimates of contractor. A minimum of 15% is required to receive a Certificate of Completion. See reverse.

This home has achieved an estimated total energy reduction of at least 15%* after the following home energy upgrades:

-  Air sealing performed reducing total air leakage rate by 34%
-  Attic insulation improved to R-49
-  R-11 insulation installed in basement

Marion Lunn
Assistant Deputy Director
Illinois Energy & Recycling Office



Home Performance with ENERGY STAR offers a comprehensive, whole-house approach to home improvement that results in better energy efficiency, greater comfort, and lower energy bills.

ENERGY STAR is a voluntary partnership sponsored by the U.S. EPA and the U.S. DOE to protect the environment through superior energy efficiency.



**Illinois
Department of Commerce
& Economic Opportunity**

#S-6000



**Illinois Home
Performance**

www.IllinoisHomePerformance.org

Gold Certificate of Completion

Home address:

456 Sample Street
Sample, IL 60000

Contractor:

Green Homes Inc.

Program Provider:





ABC Utility

Work Completed On*:

9/22/2015

*Certificate issued 9/22/2015 by the Midwest Energy Efficiency Alliance (MEEA) on behalf of the Illinois Energy Office based solely on the reporting by or estimates of contractor. A minimum of 15% is required to receive a Certificate of Completion. See reverse.

This home has achieved a superior level of energy reduction after the following home energy upgrades:

-  Air sealing performed reducing total air leakage rate by 72%
-  Attic insulation improved to R-49
-  High-efficiency furnace and air conditioner installed
-  R-13 insulation installed in all perimeter walls

Marion Lunn
Assistant Deputy Director
Illinois Energy & Recycling Office



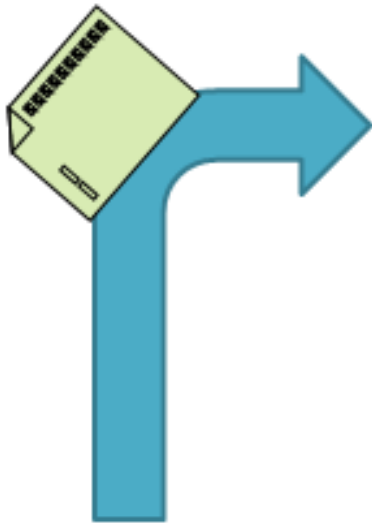
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Illinois
Department of Commerce
& Economic Opportunity

#G-200



Program Provider collects certificate applications from Participating Contractors and sends to MEEA



MEEA reviews application, determines eligibility, creates certificate, and sends to homeowner





Illinois
Department of Commerce
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Historic Chicago
Bungalow Association



ActOnEnergy



ENERGY IMPACT ILLINOIS



Why A Statewide Approach?

- Leverage existing regional, local, and statewide resources
- Increase consumer clarity
- Comprehensive contractor support, training, and workforce development



How We Created IHP: 2009-2011

- Large stakeholder group:
 - Illinois Energy Office, Nonprofits, Community Colleges, Raters, Energy Auditors.
- Challenges:
 - Coordinating with local programs, predicting energy savings, financial incentives
- Existing Infrastructure:
 - Experience, existing programs, marketing materials from past programs, training funding

How We Created IHP: 2009-2011

- Finalized Certificate Requirements:
Prompted by Green MLS
- November 2011: First Certificate Issued



IHP Success 2011-2015

- Over 5,700 improved homes
- 802 contractors trained
- 478 real estate students trained



Continuing Challenges

- Data transfer
 - DOE Home Energy Upgrade Accelerator
- Different needs in different regions
- Rigorous (standards) yet flexible (inclusion)
- What happens when a local program ends?

Replicating in Other States



The Missouri Division of Energy's Home Energy Certification Program

This home has achieved a superior level of energy performance and includes the following home energy components:

Certified SILVER

Home address:
1234 Main Street
Anywhere, MO 12345

Home Energy Auditor:
John Doe

Program Provider:
Program Name

System and score:
HES = 8 (or HERS = 65)

Certificate Issued:
June 3, 2014

Certificate Number:
0603141236

- Energy Star heat pump with SEER of 14.5
- R-49 insulation installed on attic floor
- R-15 insulation installed in conditioned basement band joist wall cavity
- Thermal envelope testing of 3ACH50

Lewis Mills
Director, Division of Energy

The Missouri Home Energy Certification (MHEC) Program is designed to provide for a voluntary approach to promote energy efficient homes through a clear and meaningful recognition program. For more information regarding the program go to <http://energy.mo.gov/energy/mhec>.

Lessons Learned

- Start big
- Clarify decision-makers
- Be willing to evolve
 - Multiple tiers, revisit what rules no longer work
- Work in the best interest of the whole
- Keep moving forward
 - New goals

Thank you!

Kelsey Horton

Senior Program Associate

Midwest Energy Efficiency Alliance

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www.mwalliance.org