



**NEER**

NATIONAL ENERGY  
EFFICIENCY REGISTRY

2/28/17

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Senior Policy Analyst

# Disclaimer

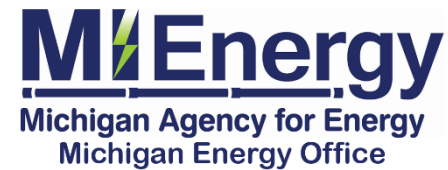
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Audrey Bragg, Senior Policy Analyst, E4TheFuture, serves as a member of the Steering / Advisory Committee for the above-referenced project; this presentation is not paid for under the DOE Award.



# NEER Project Team

- State project partners:



# NEER Project Team

- Supporting project partners:



The Climate Registry

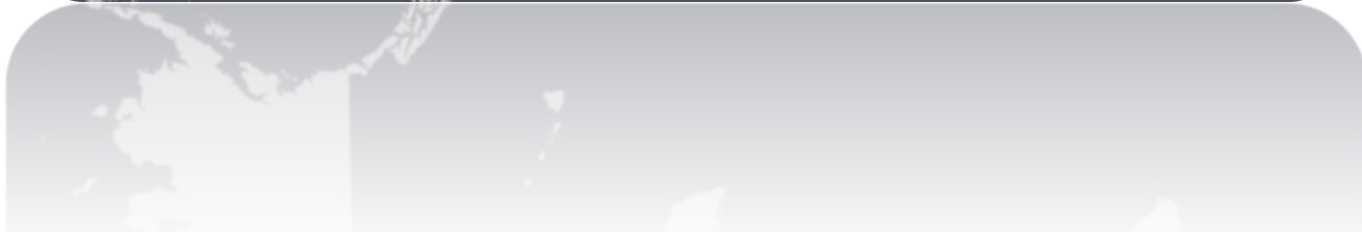
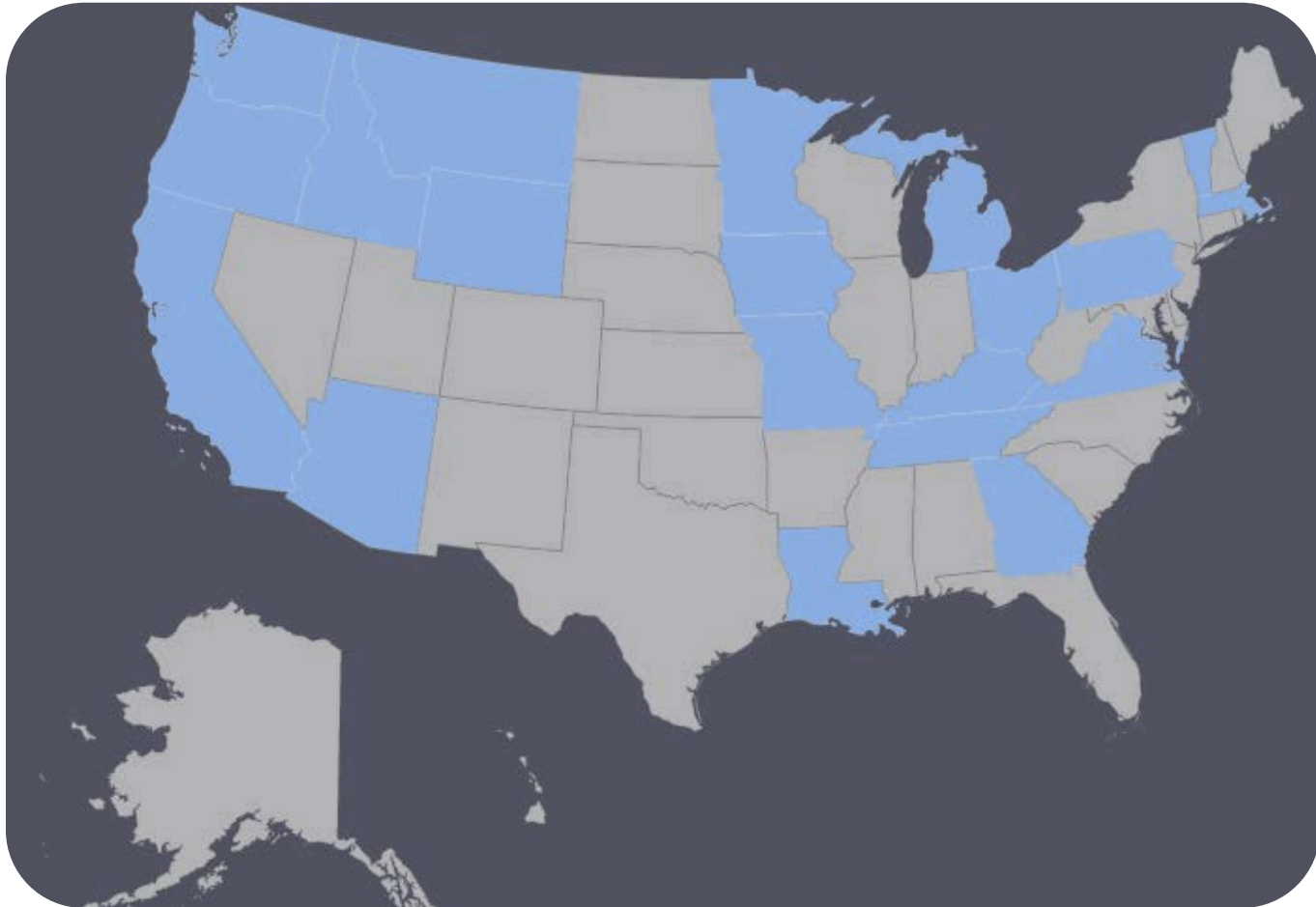


*National Association of  
State Energy Officials*

- Additional project support provided by:



# NEER Stakeholder States



# About the NEER

- A central repository that will allow the public and private sectors to transparently track attributes associated with energy efficiency initiatives
- Policy neutral
- Built on best practice
  - Registry design
  - EE accounting and reporting protocols
- Will help states demonstrate progress towards energy goals and potential compliance with existing and future regulation
- Will be able to track energy conservation and other types of reduction efforts

# NEER = Tool (Not a Policy)

- NEER will be a software platform

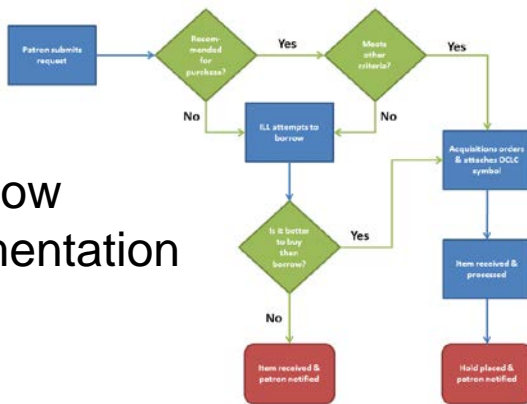
Document management



Transaction accounting



Workflow documentation



2012-12-14 09:35:30										Number of Records: 21
Total number of active patches with 30days:										1798
Percent successfully installed:										100.7
2012-12-14 09:35:30										Number of Records: 87
Update ID	qNumber	Title	Percent successful	Distribution Successful	Distribution Failed	Distribution Incomplete	In Distribution Scope	Collection ID	Type	Information
2520701		Update for Windows Server 2008 R2 SP1 x64 Edition (93270470)	100	7	0	0	7	SP50001	Microsoft Update	http://support.microsoft.com/93270470
2574819		Update for Windows Server 2008 R2 x64 Edition (93274819)	100	11	0	0	11	SP50001	Microsoft Update	http://support.microsoft.com/93274819
2804887		Update for Windows Server 2008 R2 x64 Edition (932804887)	100	11	0	0	11	SP50001	Microsoft Update	http://support.microsoft.com/932804887
2596660		Update for Microsoft Office 2007 suites (932596660)	100	2	0	0	2	SP50001	Microsoft Update	http://support.microsoft.com/932596660
2804886		Update for Microsoft Office 2007 suites (932804886)	100	2	0	0	2	SP50001	Microsoft Update	http://support.microsoft.com/932804886
2601029		Update for Windows Server 2008 R2 x64 Edition (932601029)	100	7	0	0	7	SP50001	Microsoft Update	http://support.microsoft.com/932601029
2641254		Update for Windows Server 2008 (932641254)	100	1	0	0	1	SP50001	Microsoft Update	http://support.microsoft.com/932641254
2601011		Update for Kernel-Mode Driver Framework version 1.11 for Windows Server 2008 R2 x64 Edition (932601011)	100	17	0	0	17	SP50001	Microsoft Update	http://support.microsoft.com/932601011
2495913		Update for Kernel-Mode Driver Framework version 1.11 for Windows Server 2008 R2 x64 Edition (932495913)	100	17	0	0	17	SP50001	Microsoft Update	http://support.microsoft.com/932495913
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2750941		Update for Windows Server 2008 R2 x64 Edition (932750941)	100	11	0	0	11	SP50001	Microsoft Update	http://support.microsoft.com/932750941
2761217		Update for Windows Server 2008 R2 x64 Edition (932761217)	100	17	0	0	17	SP50001	Microsoft Update	http://support.microsoft.com/932761217
2761218		Update for Windows Server 2008 R2 x64 Edition (932761218)	100	11	0	0	11	SP50001	Microsoft Update	http://support.microsoft.com/932761218
938759		Update for Windows Server 2008 (938759)	100	1	0	0	1	SP50001	Microsoft Update	http://support.microsoft.com/938759
951796		Windows Internal Database Service Pack 3 (951796)	100	1	0	0	1	SP50001	Microsoft Update	http://support.microsoft.com/951796
679102		Windows Server 2008 R2 Service Pack 1 for x64-based Systems (93879102)	100	7	0	0	7	SP50001	Microsoft Update	http://support.microsoft.com/93879102
MS09-028	971192	Security Update for Microsoft Visual C++ 2008 Service Pack 1 (93871192)	100	1	0	0	1	SP50001	Microsoft Update	http://support.microsoft.com/93871192
MS11-025	253824	Security Update for Microsoft Visual C++ 2008 Service Pack 1 Redistributable Package (93253824)	100	1	0	0	1	SP50001	Microsoft Update	http://support.microsoft.com/93253824
MS11-026	263636	Security Update for Microsoft .NET Framework 3.5.1 on Windows 7 and Windows Server 2008 R2 SP1 for x64-based Systems (93263636)	100	7	0	0	7	SP50001	Microsoft Update	http://support.microsoft.com/93263636
MS12-028	265673	Security Update for Microsoft .NET Framework 3.5.1 on Windows 7 and Windows Server 2008 R2 SP1 for x64-based Systems (93265673)	100	7	0	0	7	SP50001	Microsoft Update	http://support.microsoft.com/93265673
MS12-024	265411	Security Update for Microsoft .NET Framework 3.5.1 on Windows 7 and Windows Server 2008 R2 SP1 for x64-based Systems (93265411)	100	6	0	0	6	SP50001	Microsoft Update	http://support.microsoft.com/93265411
MS12-025	264410	Security Update for Microsoft .NET Framework 3.5.1 on Windows 7 and Windows Server 2008 R2 SP1 for x64-based Systems (93264410)	100	7	0	0	7	SP50001	Microsoft Update	http://support.microsoft.com/93264410

Compliance Reporting

# NEER Objectives

- Provide a consistent framework that better recognizes EE contributions for achieving energy and environmental objectives
- Document verification of EE projects according to the appropriate eligibility standards
- Facilitate the opportunity for EE instrument trading

*Improve transparency and credibility of EE as (often) the lowest cost energy resource*



# Consistently Transparent



Green-e®



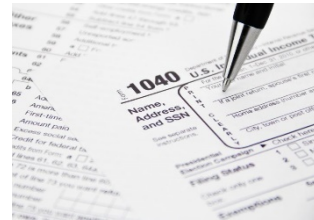
# Example: Reporting Asset Output



Regulator  
creates  
forms



Applicant  
gathers data



Applicant fills  
in forms



Regulator makes  
a determination

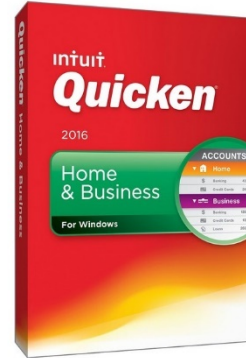
# Example: Reporting Asset Output



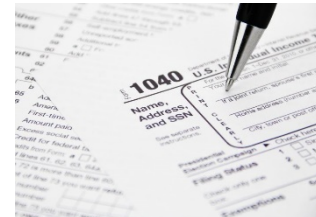
IRS  
customizes  
forms



Taxpayer  
gathers data



Data management  
process control  
“doing the math”



Taxpayer  
completes and  
submits forms

Independent  
Professional  
certifies work



IRS makes  
determination

# NEER Support of State Efforts

- Can lower EE program, policy administrative costs by:
  - Streamlined, consistent, (sometimes) automated processes
- Streamline energy efficiency project EM&V
- Support state energy and environmental planning efforts
- Avoid double counting of energy savings
- Create greater transparency of energy efficiency programs and impacts

# NEER Support of State Efforts

- *NEER can improve the credibility and transparency of energy savings and associated benefits.*
- *This would increase recognition of EE as cost-effective and efficacious for helping meet state energy and environmental goals.*
- *This can incite more investment in EE.*

# WHERE ARE WE NOW

# How to Get Involved

- Help design user scenarios relevant to your state programs
- Provide feedback on draft Principles and Operating Rules (April–May 2017)

Thank you!

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