NEER
NATIONAL ENERGY EFFICIENCY REGISTRY

Webinar for Michigan Stakeholders

March 21, 2017

9:15 am – 10:00 am EST

(213) 929-4221

(Toll-free): (866) 952-8437

The Climate Registry

Webinar Logistics

→ **To ask questions:**

  - Use the question box on your GoToWebinar control panel and your question will be read aloud

    OR

  - Raise your hand and we will un-mute you to ask your question

→ **A copy of the slides and a recording of the webinar will be distributed to working group**

Michigan Agency for Energy
National Energy Efficiency Registry Michigan Stakeholder Webinar
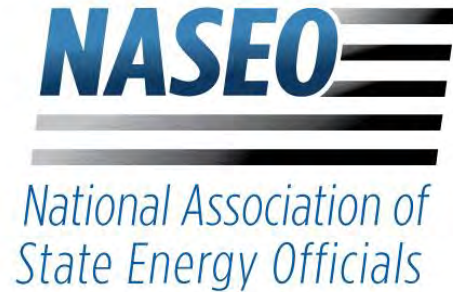March 21, 2017

NEER Project Partners

Operating Rules & Roadmap Project

- Supporting project partners:

The Climate Registry

National Association of
State Energy Officials

- Additional project support provided by:

E4 THE FUTURE

APX

Energy. Environment. Market Integrity.

Webinar Objectives

- Explore National Energy Efficiency Registry (NEER) benefits

- Discuss its potential applications and utility in Michigan

- Obtain stakeholder feedback

Michelle Zilinskas
Verification Associate
The Climate Registry

About the NEER

→ **Central repository allowing the public and private sectors to transparently track attributes associated with energy waste reduction initiatives**

→ **Policy neutral**

→ **Built on best practice**

- **Registry design**
- **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 waste reduction and other types of efforts**

NEER = Tool (Not a Policy)

➔ **NEER will be a software platform**

Document management
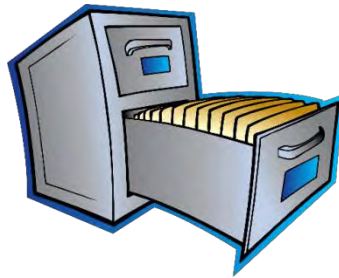
Transaction accounting

Workflow documentation

Compliance Reporting

NEER DEVELOPMENT PROCESS

NEER Development Elements

Principles and operating rules + roadmap for states

Sector-specific protocol database for states and programs

NEER
NATIONAL ENERGY
EFFICIENCY REGISTRY

Software functional requirements

Software launch and administration

Pat Stanton
Director of National Policy
E4TheFuture

NEER Account Structure
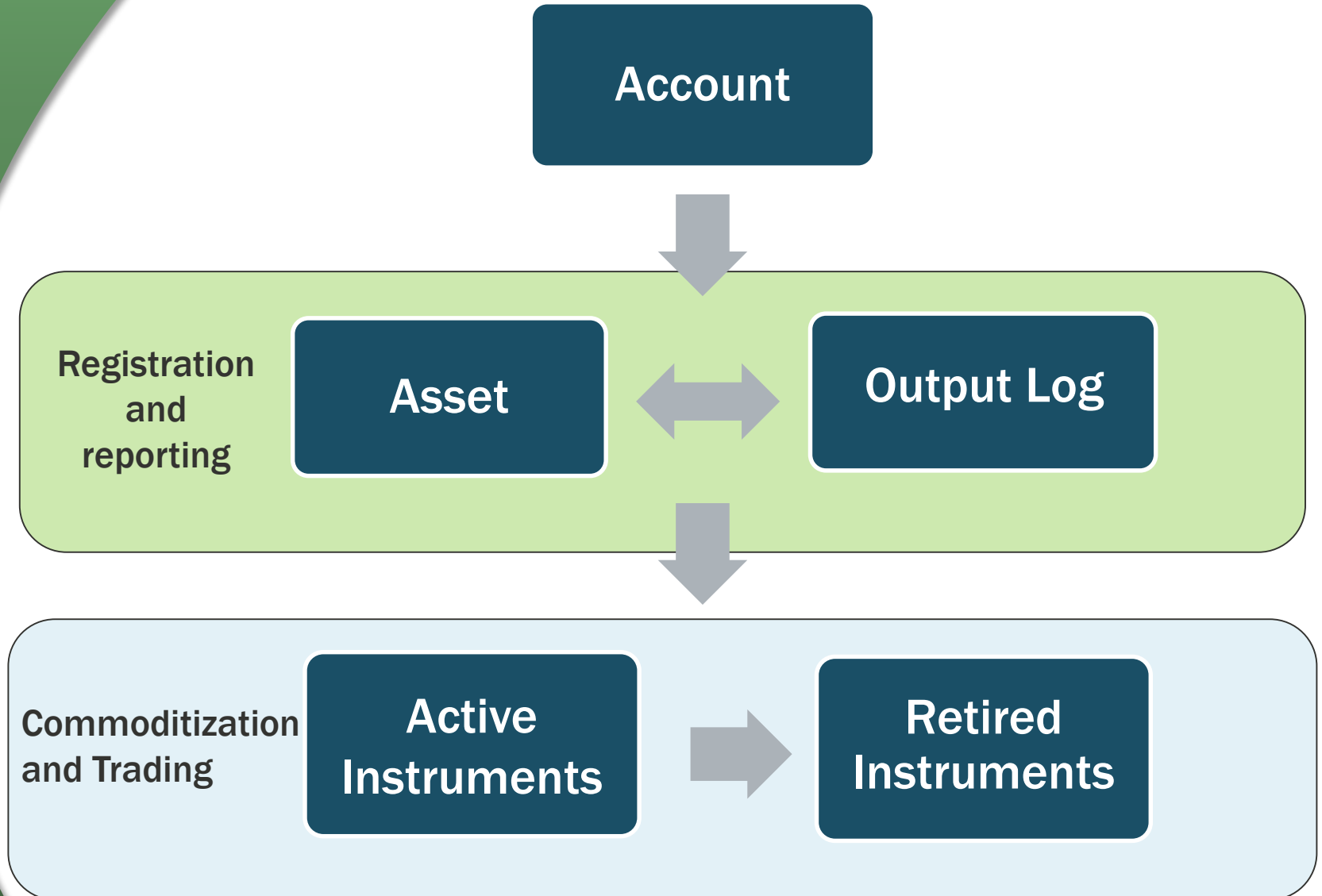
Energy Waste Reduction Registration & Reporting is COMPLICATED
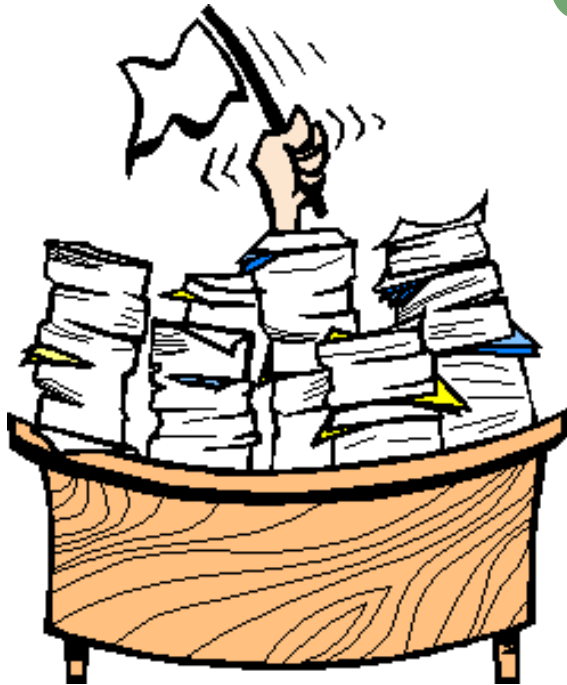
➔ **Inspection of installation**

➔ **Prove ownership**

➔ **Prove no double counting**

➔ **EM&V Plans**

➔ **EM&V Studies**

➔ **Technical Reference Manuals**

➔ **Third Party Verification**

NEER QA/QC Framework Registration & Reporting

➔ **Who** is authorized to submit, review and approve different documents

➔ **What** documents need to be submitted

➔ **Where** documents are archived

➔ **When** have all the steps been completed and all parties agree the quantity savings number is <u>acceptable</u>

NEER Value Added: a Digital Platform

"Off the Shelf" standard elements of Energy Waste Reduction Project registrations & reporting

Customization to meet a Jurisdiction's individual needs
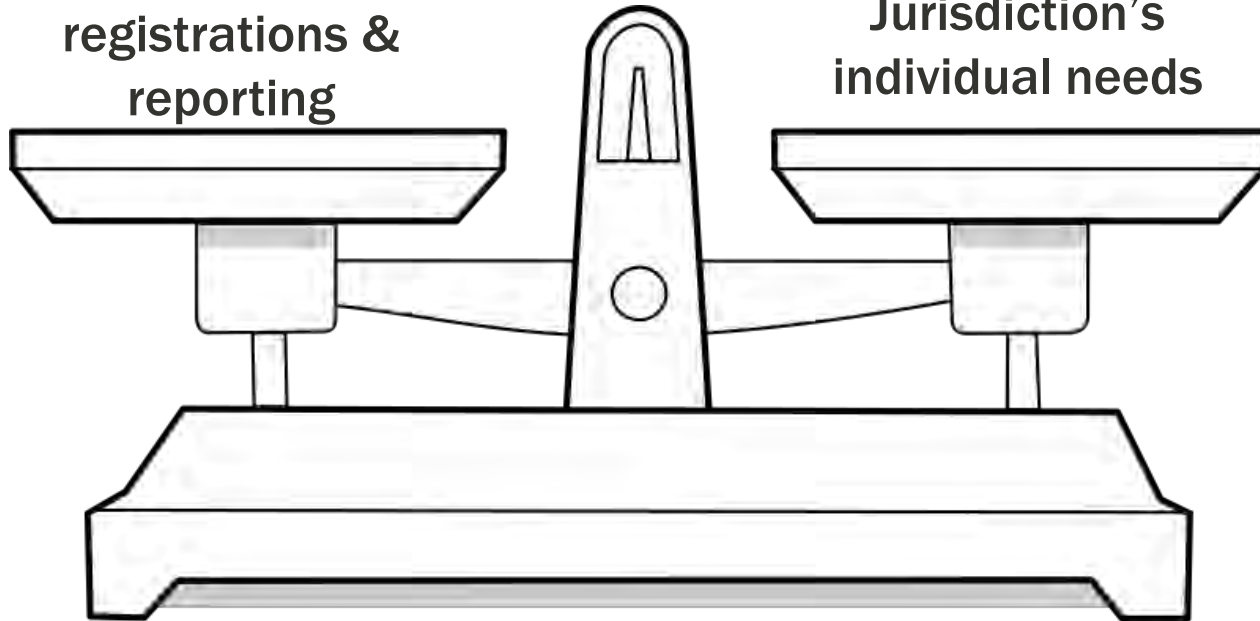
QA/QC Protocol Options

"Off the Shelf"

➔ **NEER Basic: minimum standard designed to support voluntary disclosure**

➔ **NEER Enhanced: designed to support regulatory quality evaluation, measurement and verification**

Customized

➔ **Specific Compliance/Certification Program (SCCP): fully customizable requirements**

Defining SCCP Program Requirements

➔ **Options for setting up a customized QA/QC Protocol in the NEER**

A. **Adopt NEER Basic or Enhanced**

B. **Use Basic or Enhanced as a starting point for customization such as reference an existing state-specific EM&V approach**

C. **Start from scratch**

How NEER Could Work in MI

PA342

Energy Waste Reduction

MWh

NEER

Avoided Electric Energy

MWh

PA342 Requirements

NEER Functionality

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Energy waste reduction plan shall be filed with and approved by the commission

➔ **NEER Asset Registration with MI specific QA/QC requirements**

Energy waste reduction savings

➔ **NEER Asset Output Log**

Energy waste reduction credits

➔ **NEER Certificates**

QUESTIONS AND DISCUSSION

Registration and Reporting

Poll Question #1: Cost/Payment Structure

What type of cost structure would your organization like to see for an energy waste reduction credit certification and tracking program, such as NEER, in Michigan?

A. Fee per MWh

B. Fix Fee per program,

C. Fix Fee for Registration and volume fee for Reporting

D. Other

Information Confidentiality NEER Proposal

→ **Client Jurisdictions may request compliance reports to be publicly available**

→ **Business Confidential Information will include**

- **Asset Output of each Asset**

- **The amount and timing of the specific Instrument transfers from one NEER-AH to another**

Information Confidentiality NEER Proposal

Poll Question #2

➔ **Would the proposed definition of business confidential information address your organization's confidentiality concerns about participating in NEER?**

A. Yes

B. No

C. Unsure

Verification of Energy Waste Reduction

Poll Question #3:

→ How would your organization view a third party verification requirement?

A. No problem

B. Potentially problematic

C. Prohibitive

Interoperability

→ **PA342 requires a method for ensuring that each energy waste reduction credit substituted for a REC is properly accounted for**

→ **National Renewable Energy Facility (NREF) supports imports and exports between registries**

- Process includes continuous automated reconciliation – limited operational support needed

- Transferred must be approved by recipient before it becomes final

- Each registry has different rules for what can be imported and what data has to be transferred

Customizable Reports

➔ **PA342 requires utilities to submit annual reports**

➔ **MI Template**

- **Could design reporting template to meet PA 342 requirements**

- **NEER data can be automatically aggregated annually**

NEER Development: Next Steps

→ **Public comment period**

- April 2017 – May 2017

→ **Roadmap for State Adoption**

- September 2017

→ **Key functional platform requirements**

- October 2017

→ **Questions?**

- Email rcassutt@theclimateregistry.org

The Climate Registry

QUESTIONS AND DISCUSSION

Thank you