

# Energy Efficiency Registry

We'll take care of administration  
so you can focus on POLICY

## ***NASEO 2015 Energy Policy Outlook***

Patricia D. Stanton, Senior VP  
Conservation Services Group

# About CSG

- Founded in 1984
- Nonprofit corporation
- 750+ staff responsible for 7,000 field jobs nationwide
- Over 3.2 million homes and facilities served
- Deliver \$250+ million annually in energy efficiency and renewable energy

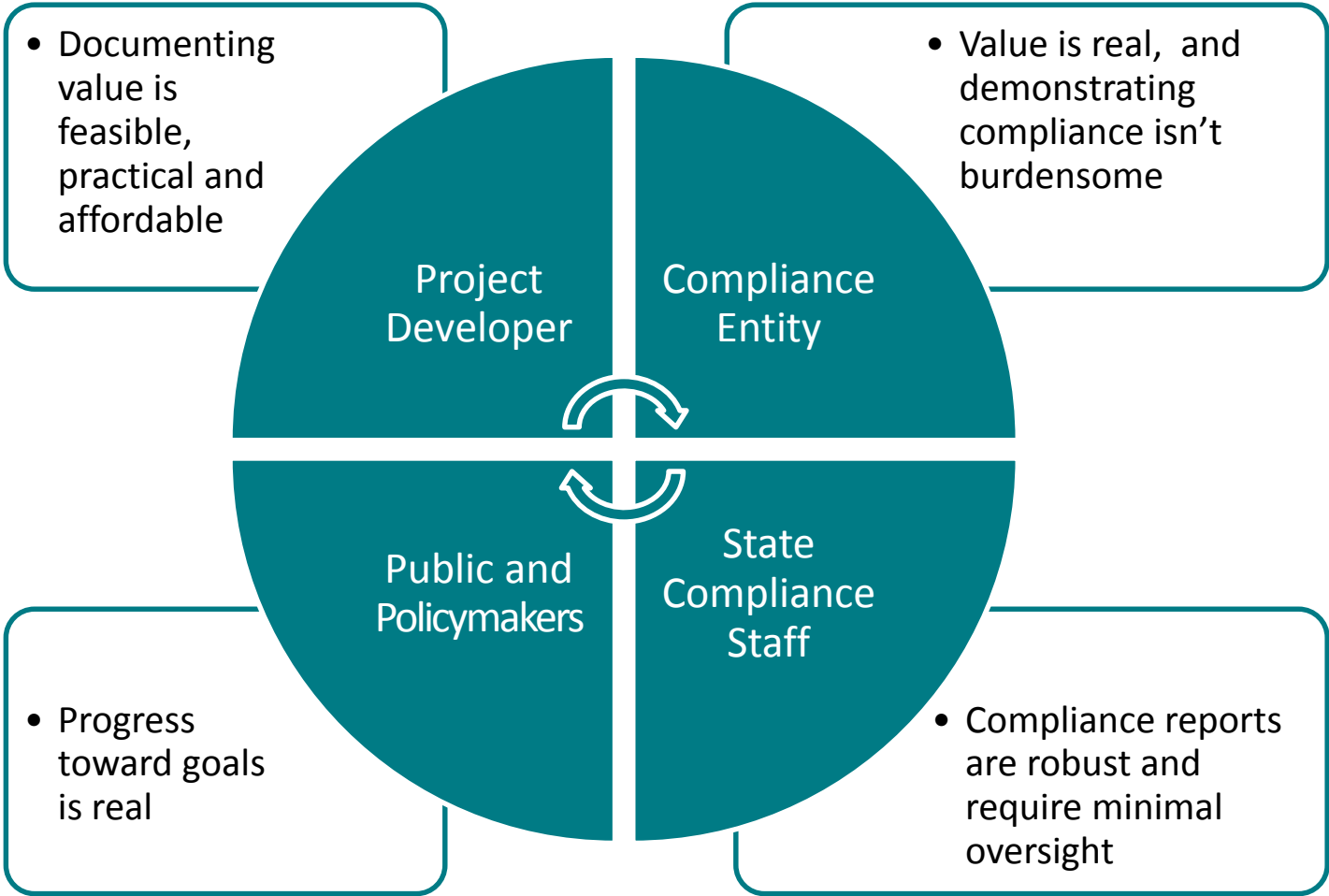


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# Renewable Portfolio Standards & Renewable Energy Credit Registries



# With Registries, Everyone Benefits



# Registries Don't Change Roles

## *Private Registries Supporting Public Policy*

### Public and Policymakers

- Set Asset Qualification Criteria
- Set Asset production verification requirements

### State Compliance Staff

- Issue Asset compliance IDs
- Review compliance filings

### Project Developer

- Secure & maintain Asset compliance ID
- Secure verification of Asset production

### Compliance Entities

- Secure compliance certificates
- Submit compliance filings

**NASEO**

National Association of  
State Energy Officials

9. **Energy efficiency registry:** EPA should recognize that States or private entities may choose to develop or participate in a voluntary “registry” to establish a transparent data repository of energy efficiency projects or activities.

WASHINGTON—The National Association of State Energy Officials, along with the National Association of Regulatory Utility Commissioners (NARUC), and the National Association of Clean Air Agencies (NACAA) on how energy efficiency programs could be used as one way to comply with upcoming federal emission reduction requirements for existing power plants.



The Climate Registry

## An Energy Efficiency Registry

A Flexible and Transparent way to Track and Report Energy Efficiency  
under the Clean Power Plan

September 1, 2014

Authored by: The Climate Registry with support from:





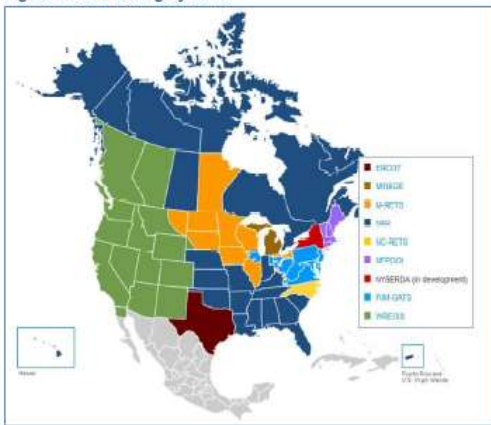
October 2014

# APX Research

## Using Tracking Systems with the Implementation of Section 111(d) State Plans

This summer, the US Environmental Protection Agency released its proposed rule under the Clean Air Act to reduce CO<sub>2</sub> emissions from existing electric generating resources. When the rules become final, the EPA will mandate that state agencies implement policies to meet CO<sub>2</sub> reduction targets. As states begin to understand how the new requirements fit within existing renewable portfolio standard (RPS) programs (already implemented across 29 states, Puerto Rico and the District of Columbia) and existing carbon cap-and-trade programs implemented in the Northeast and California, states need to consider what tools they have available to track power sector emissions, reductions and compliance. This analysis outlines the current tracking system features available today in all 50 states and how they can support specific state policies.

Figure 1: US Tracking Systems



### INSIDE THIS ISSUE:

- Energy and Attribute Trading
- State Approaches and Options
- Indirect Emission Reductions
- Interstate Trading
- Cooperative Accounting

### KEY TAKEAWAYS:

- Section 111(d) implementation will require tracking of power attributes
- The current registry infrastructure can support tracking attributes from all power sources.
- Matching physical power paths and emission attributes may be required.
- Renewable Portfolio Standards and the voluntary green energy market can exist side-by-side with Section 111(d) implementation.
- Protocols and project workflows to support tracking of Energy Efficiency Credits is already implemented and utilized by some tracking systems.

### REGISTRIES:

	Launched	Tracks All Generation?
ERCOT	2001	No
NEPOOL GIS	2002	Yes
PJM-GATS	2005	Yes
WREGIS	2007	No
M-RETS	2007	No
NAR	2009	No
MIRECS	2009	No
NC RETS	2010	No

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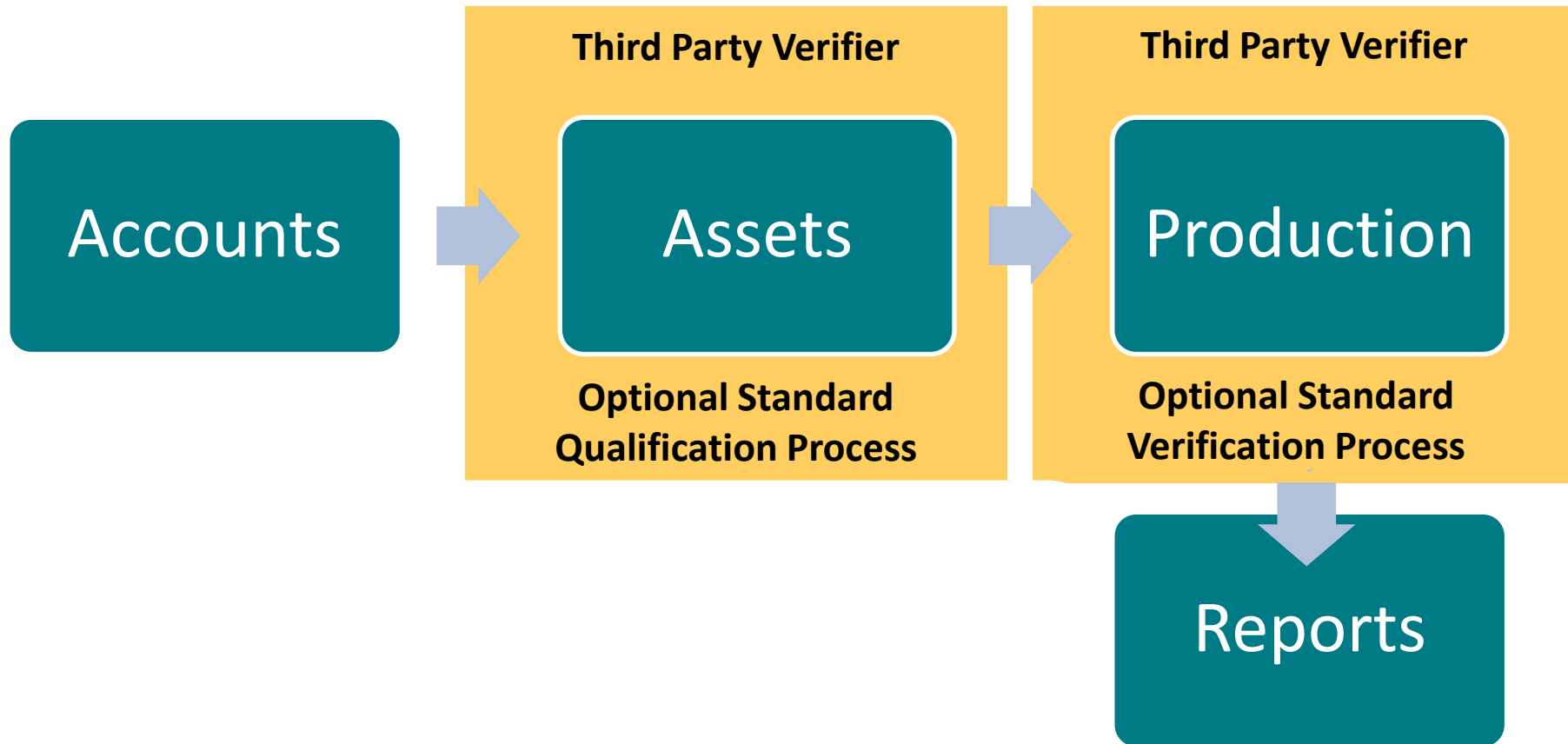
# Energy Efficiency Registry



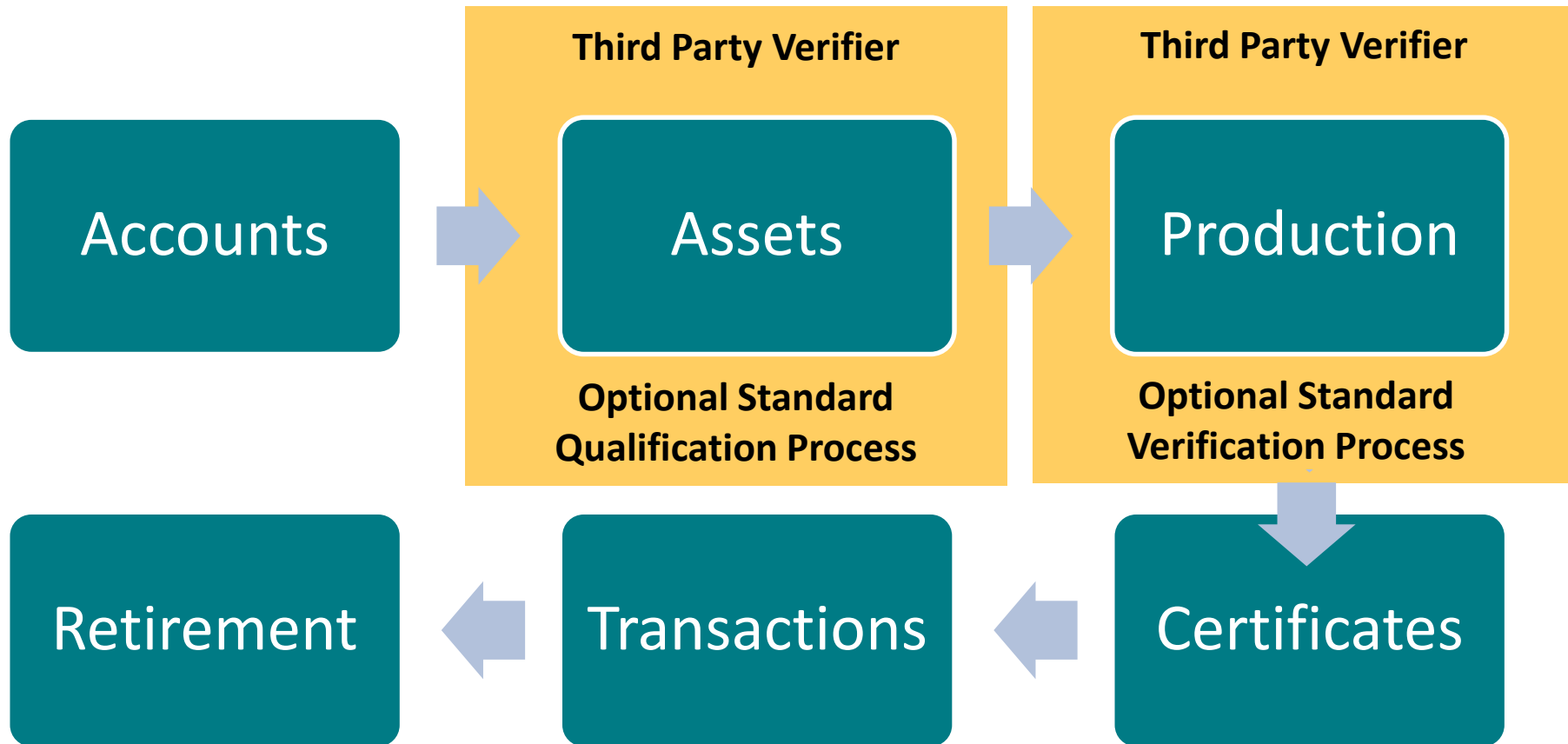
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# Energy Efficiency Registry Components For Reporting & Disclosure



# Energy Efficiency Registry Components for Compliance (state or federal)



# Frequently Asked Questions

## **1. How would states participate in the EE Registry?**

- State use of the EE Registration will be strictly optional on an opt-in basis.
- TCR/APX team will work with states to customize the registry to support their specific policy goals.

## **2. Will an EE registry be of any use in states that select a mass-based approach?**

- The registry functionality could be very useful for states to track compliance with complementary state regulatory programs such as EERS.

# Frequently Asked Questions

## 3. What metric will be used for EE Registry Certificates?

- The straw proposal for the EE Registry operating rules will have:
  - Certificates minted in MWh.
  - An exchange function where MWh-denominated certificates can be traded for certificates denominated in Tons CO<sub>2</sub>. Certificates will retain all source identification data.
  - MWh-to-Tons CO<sub>2</sub> conversions calculated based on the methodology selected by the owner.
  - Conversion methodologies approved by one or more states.

# Frequently Asked Questions

## **4. What about multi-state issues?**

- The straw proposal for the EE Registry operating rules will support states that recognize EE Assets in other states just as REC registries do.

## **5. Who pays for an EE Registry?**

- APX has committed to build the registry as a business venture.
- The Straw operating rules will include a fee structure.

# Questions?

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