OPPORTUNITIES FOR STATE-LOCAL COLLABORATION ON ENERGY DATA ACCESS

State-Local Committee
NASEO Annual Meeting
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Kelly Crandall
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The Institute for Market Transformation is laser focused on deploying the quickest, most cost-effective solution to tackling climate change and growing a more robust economy:

ENERGY-EFFICIENT BUILDINGS.
IMT Data Access Roles

- Advising cities through CEP, USDN, etc.
- Gathering information from stakeholders
- Disseminating best practices (reports, regulatory)
Energy Leadership Creates Value to Cities

- Local control
- Resilience
- Reliability
- Transparency
- Green Jobs
- Innovation
- Low-Carbon
- High-Tech
Why has whole-building data been so successful?

- Concrete & understandable use case
- Creates multiple types of value to customers, cities, utilities alike
- Federal investment in tools like Portfolio Manager and initiatives like the Better Buildings Energy Data Accelerator
Cities Are Using Benchmarking Data to Dive Deeper

New York City

Washington, DC
The Importance of Different Types of Energy Data ("Use Cases")

- Individual
- Grid-level
- Whole-building
- Programmatic
- Community-wide
- Anonymized

Image Sources (left): Boulder Public Library eGauge; GreenTechMedia & PG&E
Data Access Issues Cities (and States) Are Grappling With

- Use case confusion
- Unaddressed use cases
- Lack of utility interest
- Ability to combine data with other sources
- Utility IT systems
- Data accuracy
- Data format
SEOs Have a Seat at the Table

SEOs are critical to data access discussions because they may be:

- Peers to other state agencies
- Advisors to legislators or governors
- Experienced from history working with smart meters
- Engaged with many stakeholders, including utilities
<table>
<thead>
<tr>
<th>Where State Energy Offices Can Support Cities on Data Access</th>
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<tbody>
<tr>
<td>Learn &amp; Educate</td>
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<td>Convene Stakeholders</td>
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<td>Implement Programs</td>
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<td>Pilot Creative Solutions</td>
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<td>Create Consistency</td>
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<td>Advocate (Regulatory &amp; Legislative)</td>
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Actions State Energy Offices Could Consider Taking to Address Gaps

• Develop a comprehensive, statewide energy data access regime that covers multiple use cases

• Obtain, process, and publish data sets that are usable to cities, researchers, the public (e.g., community energy reports)

• Support small and medium cities by sharing scalable resources for managing data
States Can Benefit From Helping Solve These Barriers

Better state-local alignment on energy priorities

More targeted programs and fully-realized policies
Thank you!

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