

# OPPORTUNITIES FOR STATE-LOCAL COLLABORATION ON ENERGY DATA ACCESS

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# About IMT

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

*Low-Carbon*

*Local control*

*Green Jobs*

*Innovation*

*Resilience*

*Reliability*

*High-Tech*

*Transparency*



# What's Working About Utility Data Access Initiatives



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



# 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**



# Where State Energy Offices Can Support Cities on Data Access

Learn &  
Educate

Convene  
Stakeholders

Implement  
Programs

Pilot Creative  
Solutions

Create  
Consistency

Advocate  
(Regulatory &  
Legislative)

# 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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