

# 2016 Northeast Energy Efficiency Summit

Traversing the Municipal Energy Landscape: Solutions and Strategies for Success



U.S. DEPARTMENT OF  
**ENERGY**

Energy Efficiency &  
Renewable Energy

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Developing  
Innovative,  
Replicable Solutions  
with Market Leaders

- Better Buildings Challenge
- Better Buildings Alliance
- Better Buildings, Better Plants
- Better Buildings Accelerators
- Better Buildings Residential
- Superior Energy Performance

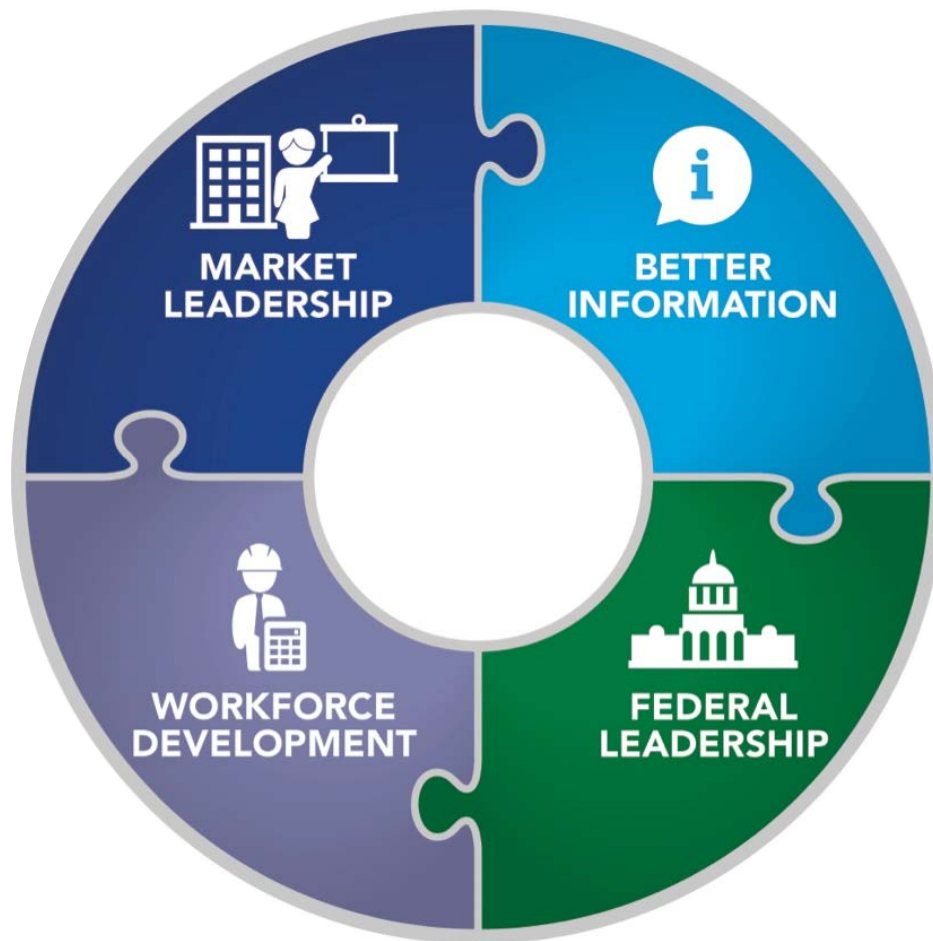


Developing a  
Skilled Clean  
Energy Workforce

- Better Buildings Workforce Guidelines



**Better  
Buildings®**  
U.S. DEPARTMENT OF ENERGY



Making Energy  
Efficiency  
Investment Easier

- Better Buildings Solution Center
- Building Energy Data Exchange Specification
- New Financing Solutions
- Building Energy Asset Scoring Tool
- Home Energy Score
- Buildings Performance Database



Leading by  
Example in the  
Federal Government

- New Executive Order
- President's Performance Contracting Challenge
- DOE Leadership



# Energy Data Accelerator Data Toolkit



<http://betterbuildingsolutioncenter.energy.gov/toolkits/energy-data-access-blueprint-action>

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## SECTOR:


Commercial, Local Government, State Government, Utility

## BARRIER:

Getting access to data and information

## TOOL TYPE:

Toolkit

Share 

## Toolkit: Energy Data Access: Blueprint for Action

Across the nation, building owners are measuring and tracking the energy performance of their buildings more than ever before. Known as energy benchmarking, this process helps building owners manage energy consumption and reduce wasted energy. Yet, many owners are prevented from benchmarking and making energy efficiency improvements because they cannot access simple energy information for tenant-occupied spaces within their buildings. Building owners can't manage what they can't measure.

[MORE](#)

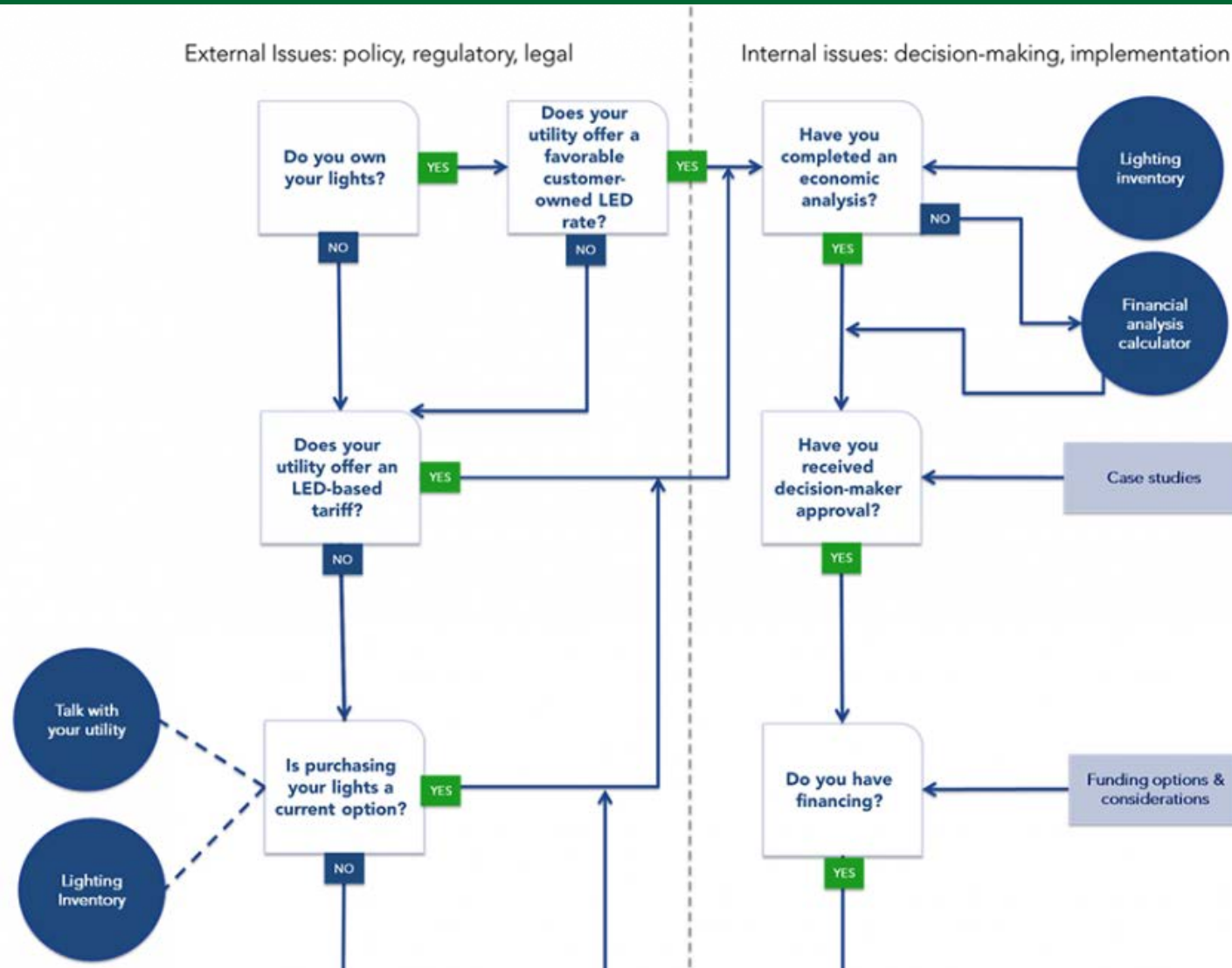
TOOLS ^



### [Better Buildings Energy Data Accelerator Key Accomplishments and Results](#)

As a result of best practices developed by the EDA, 18 utilities serving more than 2.6 million commercial customers nationwide will provide whole-building

# Outdoor Lighting Accelerator: Decision Tree Tool



<http://betterbuildingssolutioncenter.energy.gov/accelerators/outdoor-lighting>

# New Accelerators



Clean Energy for Low Income Communities



Combined Heat and Power for Resiliency



Wastewater Infrastructure

- **Clean Energy for Low Income Communities:** Develop plans to identify funding that will lead to the implementation of expanded installation of energy efficiency and distributed renewables in low income communities.
- **Combined Heat and Power for Resiliency:** Develop plans for communities to capitalize on CHP's strengths as a reliable, high efficiency, lower emissions electricity and heating/cooling source for critical infrastructure.
- **Wastewater Infrastructure:** State, regional, and local agencies will work to improve the energy efficiency of water resource recovery facilities by at least 30 percent on their path to more sustainable infrastructure of the future.

# State & Local Solution Center and State & Local Spotlight


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## STATE AND LOCAL SOLUTION CENTER





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### April 28 Webinar Video and Presentation Available

DOE's Weatherization and Intergovernmental Programs Office hosted a webinar on April 28, 2016, on how to navigate the newly redesigned website.

[READ MORE](#)


**TAKE A CLOSER LOOK**  
 Energy Savings Performance Contracts  
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[WIP.energy.gov/solutioncenter](http://WIP.energy.gov/solutioncenter)

## ENERGY.GOV

Office of Energy Efficiency & Renewable Energy

### State & Local Spotlight

May 2016



### Clean Energy News and Events for State and Local Leaders

A monthly update from EERE's Weatherization and Intergovernmental Programs Office (WIP) for state, local, and K-12 officials featuring resources to advance successful, high-impact, and long-lasting clean energy policies, programs, and projects.

- [State & Local News](#)
- [New Implementation Models](#)
- [April State and Local Webinar](#)
- [Funding Opportunities](#)

### State & Local News

**Thirteen Alaska Community Efficiency Champions Selected to Receive Technical Assistance from the Energy Department**  
At the Rural Energy Conference in Fairbanks,

**Featured Publication**  
Energy Savings Performance

Email Us:

[stateandlocal@ee.doe.gov](mailto:stateandlocal@ee.doe.gov)



# State Energy Program: FY14/15 Competitive Awards - Examples of Current Activity

State Energy Planning	Benchmarking & Disclosure (B&D) + Residential	Distributed Energy Resources (DER)	Evaluation, Measurement & Verification (EM&V)	Working with Local Governments ESPCs	Working with Local Governments Wastewater
<ul style="list-style-type: none"> <li>State and Regional roadmaps</li> <li>Utility tariff structure to align business models with energy goals</li> <li>Work with municipalities to measure, track, and report energy savings</li> <li>Roadmap for adoption of a national EE registry</li> </ul>	<ul style="list-style-type: none"> <li>Advancing B&amp;D programs across major cities</li> <li>Standardized B&amp;D legislation along western states</li> <li>B&amp;D programs estimated savings: 144+ TBtus/year by 2028</li> <li>1500 homes labeled; 450 whole-home retrofits within 2 years</li> </ul>	<ul style="list-style-type: none"> <li>Advancing interconnection and deployment of DER</li> <li>Reduced interconnection cost and lead-time</li> <li>Best practices in DER for other states and utilities</li> </ul>	<ul style="list-style-type: none"> <li>Statewide Technical Reference Manual to stimulate participation rate in efficiency offerings.</li> <li>Statewide EM&amp;V frameworks and efficiency-to-carbon translation methodology</li> <li>Consensus approach regarding EM&amp;V energy savings to CO2 conversions to help states integrate ESPC programs into state plans.</li> </ul>	<ul style="list-style-type: none"> <li>Regional plans to decrease energy use in municipal wastewater facilities by 2-5 million kWh/year through ESPCs</li> <li>Increase demand for EE and RE measures in public facilities among counties and municipalities</li> </ul>	<ul style="list-style-type: none"> <li>Benchmarking, auditing and energy management on ~200 wastewater facilities</li> <li>An estimated 35.5 million megawatt hours per year and GHG reduction of 150 million metric tons of CO2</li> </ul>

# State & Local Energy Efficiency Action (SEE Action) Network



## Energy Efficiency Policy and Program Resources

Explore what's working to advance energy efficiency across the country—based on state and local government experience.

[Behavior-Based Energy Efficiency >](#)

[Combined Heat and Power >](#)

[Commercial and Public Building Energy Efficiency >](#)

[Energy Efficiency Financing >](#)

[Energy Use Data Access >](#)

[Evaluation, Measurement, and Verification >](#)

[Industrial Energy Efficiency >](#)

[Ratepayer-Funded Efficiency through Regulatory Policy >](#)

[Residential Energy Efficiency >](#)

The State and Local Energy Efficiency Action Network (SEE Action) provides a platform for state and local decision makers to share best practices, discuss policy, and seek [technical assistance](#) to state and local decision makers to make reliable energy to their communities through energy efficiency.



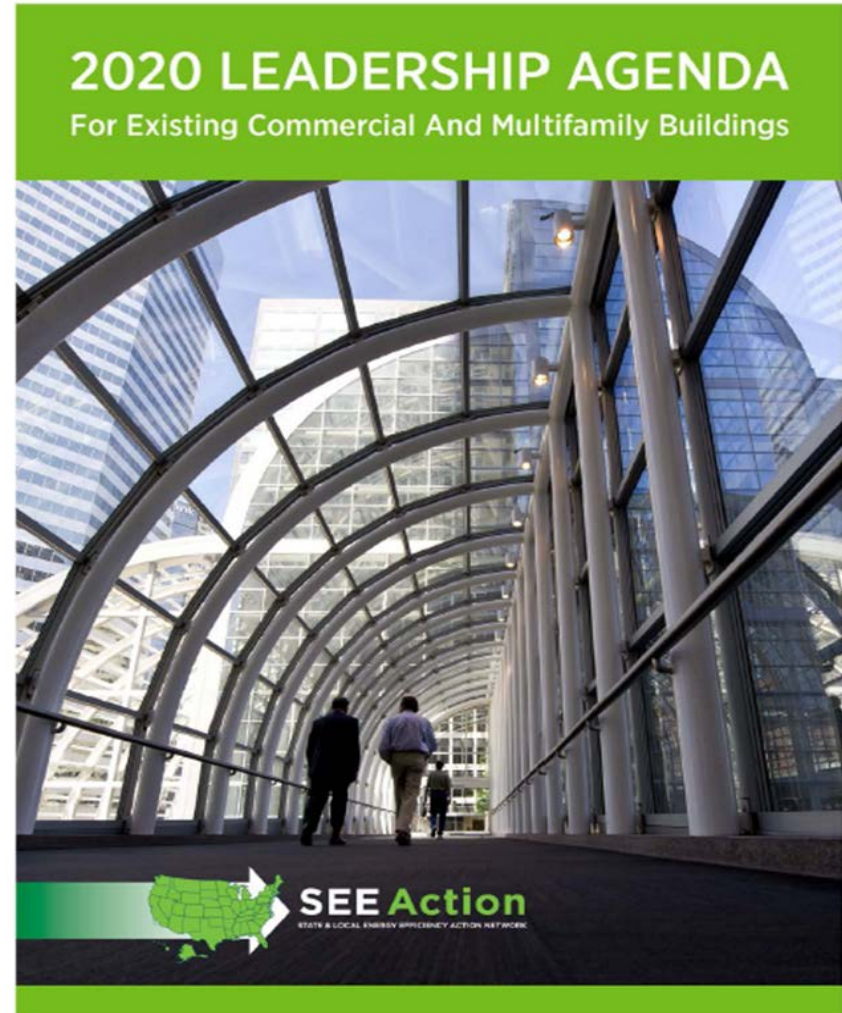
## Who's In The Network?

Meet our network of state and local leaders and subject matter experts advancing energy efficiency.



Up

There are current [Action events](#).



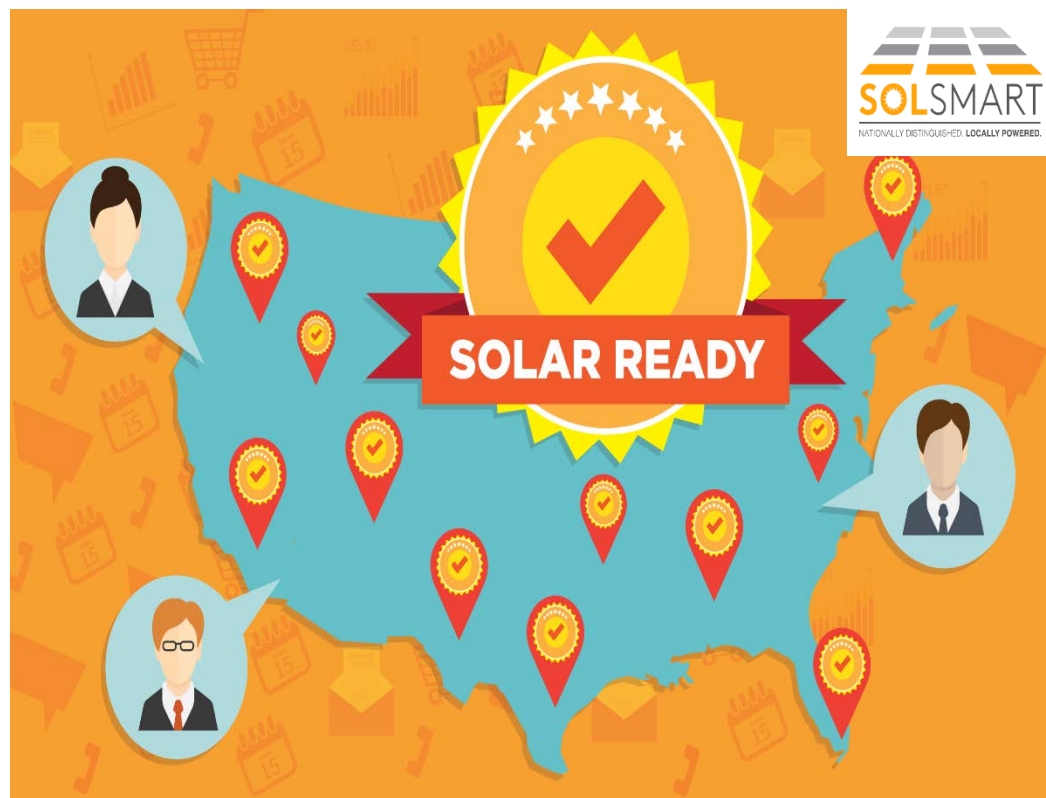
<http://www4.eere.energy.gov/seeaction/>



# Other DOE Programs



<https://cleancities.energy.gov/>



<http://www.gosparc.org/apply-now>

# Contact Information

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