We'll be starting in just a few minutes….

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Energy Data Management Webinar Series

Part 3: Hardwire Energy Data Management into Your Organization

December 2, 2021
11:00 am – 12:00 pm ET
Adam Guzzo
U.S. Department of Energy
Weatherization & Intergovernmental Programs Office (WIP)
Please go to www.slido.com using your mobile device, or by opening a new window.

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#DOE
Agenda

1. Welcome & Introduction to the Energy Data Management Guide
4. Audience Q&A
5. Additional Resources
Welcome Polls

We want to learn more about you.

Please go to www.slido.com and enter code #DOE to respond
Energy Data Management Guide

- **Web-based resource** that provides public-sector organizations with a **seven-step** approach to establish a robust and sustainable energy data management program

- **Energy Data Management Guide** offers:
  - Proven strategies with demonstrated, portfolio-wide energy savings
  - Data management tools and resources
  - Customizable templates and worksheets
  - Relevant examples and case studies

- **Audience**
  - State Governments
  - Local governments
  - K-12 School Districts
Step-by-Step Process

The Energy Data Management Guide's seven steps are organized into the following three pillars: 1) Generate Buy-In, 2) Build a Solid Foundation, and 3) Hardwire Energy Data Management.

Hardwire Energy Data Management

Step 6: Optimize the Organizational Structure

Explains how to optimize your existing organizational structure for data-driven energy management by centralizing energy data management and bill payment and enacting policies and leveraging federal programs that can help institutionalize the energy data management program in your organization.

Step 7: Drive Engagement and Communicate Results

Discusses how to develop stakeholder engagement strategies that create and maintain collaboration across various levels within your organization and tailor communication strategies to specific stakeholder groups.
Energy Data Management Guide Demonstration
Visit: eere.energy.gov/energydataguide
Poll 4

Tell us more about your barriers with Energy Data Management.

Please go to www.slido.com and enter code #DOE to respond
Today’s Presenters

Reid Conway
North Carolina Department of Environmental Quality

Andrew Held
District of Columbia Department of Energy & Environment
Reid Conway
Senior Energy Specialist
North Carolina Department of Environmental Quality
Andrew Held
Energy Program Specialist
District of Columbia Department of Energy & Environment
HISTORY OF BENCHMARKING IN DC

- 2008 – Clean and Affordable Energy Act
- 2013 – First year of benchmarking implementation
- 2014 – SEED Project Begins
- 2018 – DOEE switches to SEED as primary benchmarking compliance database
- 2018 – Clean Energy Omnibus Act
- 2021 – First Building Energy Performance Standards are established
1. User enters data and shares property in DOEE and pulled into SEED via Web Services

2. Data is stored in SEED and matched with tax lot + labeled based on data quality checks

3. Emails are automatically sent out to reporters based on data quality labels

4. Data is accessible to partners via API connection

4. Data is publicly disclosed on DC’s map and Open Data Platform

All green arrows represent automated processes completed via python scripts
ADDITIONAL RESOURCES

- Everything about benchmarking in DC: https://dc.beam-portal.org/helpdesk/kb/benchmarking/
- BTO Data Tools Overview: https://buildingenergytools.org
- SEED Specific Resources: https://seed-platform.org
- SEED Developer Documentation: https://seed-platform.readthedocs.io/en/latest/
- DOEE Github: https://github.com/BenchmarkDC/ENERGY-STAR-Web-Services
Questions?

Please go to [www.slido.com](http://www.slido.com) and enter code #DOE to submit your questions.
Watch Recordings of the Webinar Series

ENERGY DATA MANAGEMENT WEBINAR SERIES

This three-part webinar series takes you through DOE's Energy Data Management Guide, a web-based resource that provides public-sector organizations with a seven-step approach for establishing a robust and sustainable energy data management program.

- **Part 1: Generate Buy-In for Your Energy Data Management Program**
- **Part 2: Build a Solid Foundation for Your Energy Data Management Program**
- **Part 3: Hardwire Energy Data Management into Your Organization** (recording will be available soon)

Learn more at: https://betterbuildingssolutioncenter.energy.gov/energy-data-management-webinar-series
Additional Resources

DOE Energy Data Management Resources:

Featured today –

• Energy Data Management Guide
• Energy Data Management Guide Fact Sheet

For more information –

• State and Local Solution Center – Implement Data Management: webpage that provides key energy data management resources
• Building Performance Tools: website that showcases a comprehensive suite of tools for accessing, managing, analyzing, and sharing building energy data
• Smart Energy Analytics Campaign Toolkit: toolkit to help facility managers take advantage of energy management and information systems (EMIS)
• Energy Data Access: Blueprint for Action Toolkit: toolkit to help cities, utilities, and other stakeholders overcome whole-building data access barriers

Additional DOE and EPA Resources:

• Energy Efficiency and Renewable Energy Resources for State and Local Leaders: DOE resource that compiles popular resources, initiatives, and funding available to states, local governments, and K-12 school districts
• Better Buildings Solution Center: DOE website with proven energy and water efficiency solutions by barrier, building type, sector, technology, and more
• Building Your Energy Team: DOE webpage that includes position description templates, national programs that support energy teams, and forthcoming case studies
• Benchmarking and Transparency: Resources for State and Local Leaders: DOE resource that compiles key existing resources for developing and implementing building energy benchmarking and transparency programs
• ENERGY STAR Portfolio Manager: EPA's secure online interactive resource management tool that enables users to track and assess whole building energy and water use in a single building or across a portfolio of buildings, as well as other energy using assets such as water resource recovery facilities
• Benchmarking and Building Performance Standards Policy Toolkit: EPA toolkit for state and local governments who are exploring policies to reduce energy use and greenhouse gas emissions from existing commercial and multifamily buildings
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