# 2023 National Conference on Energy Efficiency as a Resource

**PRELIMINARY PROGRAM**

DoubleTree by Hilton Philadelphia Center City ● Philadelphia, PA ● October 16–18, 2023

## Monday, October 16

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<td>10:00 am–5:00 pm</td>
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## Tuesday, October 17

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<td>7:00–8:15 am</td>
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<td>7:00–8:15 am</td>
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Welcome: Dan York, ACEEE  
Darrell Clark, Philadelphia Energy Authority  
Host Sponsor Welcome: Elizabeth Finocchio, PECO  
Introductions and Q&A Moderator: Steve Nadel, ACEEE  

**Keynote Address:** Utility and Regulatory Perspectives on Energy Efficiency as a Resource for Addressing the Critical Energy Challenges of Our Times  
Panelists: Christine Guhl-Sadovy, Commissioner, New Jersey Board of Public Utilities  
          Vicki Kuo, Senior Vice President for Customer Energy Solutions, Con Edison  

9:30–10:00 am Networking Break
10:00–11:45 am Opening Plenary Panel

Regional Roundup: Utility Energy Efficiency Highlights from around the United States – Recent Accomplishments and Visions for the Future in Energy Efficiency

Panel Leader: John Taylor, Executive Director, CEE

Panelists: Justin Brant, Utility Program Director, Southwest Energy Efficiency Project
Erin Cosgrove, Senior Manager for Policy and Programs, Northeast Energy Efficiency Partnerships
Joe Desmond, Executive Director, California Efficiency + Demand Management Council
Todd McAllister, Executive Director, South-Central Partnership for Energy Efficiency as a Resource
Ashley McBride, Director of Policy, Southeast Energy Efficiency Alliance
Becca Yates, Executive Director, Northwest Energy Efficiency Alliance
TBA, Midwest Energy Efficiency Alliance

11:45 am–1:00 pm Networking Lunch and Poster Sessions

Lunch with an opportunity to view and discuss the following poster presentations.

Miguel Yanez Barneuvo, Environmental and Energy Study Institute
Inclusive On-Bill Financing Programs in Rural Areas

Joe Bickham, Franklin Energy
Identifying Industrial Customers Hidden Savings (Compressed Air Nozzles)

Elsa Cheng, Industrial Technology Research Institute
Screening of Measures for Advancing Energy Efficiency through Market Transformation Strategies: Developments in Taiwan

Patti Gunderson, Pacific Northwest National Laboratory
Adding Insulation When Re-Siding - Let's Write a TRM!

Melissa Leymon, Oracle
Pushing the Boundaries of BEE Program Design for Greater Savings and Satisfaction

Amey Patil, ICF
Passive House - The New Normal in Massachusetts

Annika Roberts, Northwest Power and Conservation Council
Comfort in the Dark: Valuing Weatherization's Impact on Building Resiliency

Julie Roth, City of Ann Arbor, Office of Sustainability and Innovations
Improving Access and Reducing Barriers to Energy Efficiency: A Pilot Energy Concierge Program in Ann Arbor

Matthew Socks, NVS
Connecting the Dots: How Connected Lighting Can Support Decarbonization and Grid Flexibility

Gary Swan, National Energy Foundation
Second National Energy Literacy Survey of High School Seniors and Juniors
1:00–2:00 pm  Breakout Sessions

1A: Commercial Programs

Public Sector Program: Delivering Results by Beating the Barriers
Speaker: Jean Gibson, Mulder Consulting, LLC

K-12 Efficiency as the Equitable Pathway for Rippling Benefits
Speaker: Sara Zaleski, U.S. Department of Energy

EMPOWERING Hawaii: The Multiple Benefits of Grant Programs for Small Businesses
Speaker: Chester Carson, Hawaii Energy

1B: Alternative Approaches for Acquiring Energy Efficiency

Energy Efficiency and Wholesale Markets in 2023: DERA Participation Models, Capacity Accreditation Reform, and Program Design Implications
Speaker: Madeline Emerson, TRC

Speaker: Allison Bially, Alternative Energy Systems Consulting

Maximizing Energy Efficiency through Auction Mechanisms: A Comprehensive Analysis and Case Studies
Speaker: Philippe Beaudoin, Dunsky Energy + Climate

1C: Advancements in Cost-Effectiveness Testing

Following the Framework: National Standard Practice Manual and Non-energy Impacts in the Midwest
Speaker: Gregory Ehrendreich, Midwest Energy Efficiency Alliance

One Metric to Rule Them All: A Common Metric to Comprehensively Value All Distributed Energy Resources
Speaker: Mohit Chhabra, NRDC

Balancing the Scale: Building a Cost-Benefit and Avoided Cost Method that Works for Combined Energy Efficiency and Beneficial Electrification Programs
Speaker: Jeremy Peterson, Xcel Energy, Dunsky Energy + Climate

1D: Role of Energy Efficiency in Decarbonization: Planning

The Utility Transition, Leading Utilities, and the Role of Demand-Side Management
Speaker: Lake Garth, Smart Electric Power Alliance

Building Efficiency and Flexibility Can Avoid Up to $100 Billion in Power Sector for Decarbonization Costs
Speaker: Jared Langevin, Lawrence Berkeley National Laboratory

The Role of Energy Efficiency in Decarbonizing the Northwest
Speaker: Kevin Smit, Northwest Power and Conservation Council

2:00–2:15 pm  Networking Break
2:15–3:15 pm  
**Breakout Sessions**

2A: Natural Gas Energy Efficiency Programs  
Program Evolution Is Key to Success  
Speaker: **Ryan Carter**, Franklin Energy  
Residential Program: Impactful Solutions for Income-Eligible Customers  
Speaker: **Omayra Garcia**, Mulder Consulting, LLC  
Weatherization: From Customer Comfort to System Reliability  
Speaker: **Enrica Galasso LoRusso**, National Grid

2B: Community Approaches  
Innovation in Arizona and New Mexico to Reduce Energy Burden  
Speaker: **Michael Kenney**, Southwest Energy Efficiency Project  
Leveraging Innovative Partnerships to Mitigate Climate Change in the City of Brotherly Love  
Speaker: **Jeff Byers**, PECO  
Matching Utility Programs with Municipal Incentives for Climate Wins  
Speaker: **Emily Ziring**, City of St. Louis Park, Minnesota

2C: Non-Energy Impacts/Benefits of Energy Efficiency  
A Holistic Consideration of Non-Energy Impacts (NEIs): Prioritizing NEIs for Evaluation  
Speaker: **Thomas Olson**, Consortium for Energy Efficiency  
Speaker: **Ali Bozorgi**, ICF  
Weatherization Programs: A Key to Supporting Equity Efforts  
Speaker: **Adriana Kraig**, Opinion Dynamics

2D: Role of Energy Efficiency in Decarbonization: Programs  
Climate-Forward Efficiency  
Speaker: **Mike Specian**, ACEEE  
Leveraging Policy Implementation to Bridge Efficient and Renewable Energy  
Speaker: **John Karyczak**, Avangrid  
Evolving EmPOWER Maryland from Energy Efficiency to Carbon Reduction  
Speakers: **Nicole Zeichner**, Maryland Office of People’s Counsel  
**Dylan Voorhees**, VEIC

3:15–3:30 pm  
**Networking Break**
3:30–4:30 pm  Breakout Sessions

3A: Industrial Programs

Going Deeper with Industrial Customers via Energy Management Information Systems  
Speaker: Steven LaBarge, ComEd

Speaker: Paulomi Nandy, Oak Ridge National Laboratory

Presenting on the Expansion of the Industrial Assessment Centers  
Speaker: Clifton Yin, U.S. Department of Energy

3B: Energy Efficiency and Market Transformation

Digging Deeper on Efficiency and Emissions Savings: Minnesota’s New Statewide Market Transformation Approach  
Speaker: Carl Nelson, Center for Energy and Environment

Reaping a Resilient Harvest: Market Transformation for Resource-Efficient Controlled Environment Agriculture  
Speaker: Jennifer Amann, ACEEE

Efficient Shopping for All – Program Innovation & Regulatory Reforms  
Speaker: Clayton Claassen, Enervée

3C: Uses of Data

Low-Income Renter Energy Efficiency Needs Assessment  
Speaker: Steve Grover, Evergreen Economics

Communication in a World of Distrust: Dealing with Changing Information Paradigms  
Speakers: Chrissi Antonopoulou, Pacific Northwest National Laboratory

How Customer Targeting Can Improve Grid and Customer Outcomes  
Speaker: Alex Pollard, Recurve

3D: Energy Efficiency and Electrification: Planning

Forecasting Electrification as Energy Efficiency  
Speaker: Donald Johnson, Con Edison

From Conservation to Climate: Challenges in the Transition  
Speaker: Jacob Burlin, Exelon

Home is Where the Heart Is: Assessing the Residential Building Stock in the City of Brotherly Love  
Speakers: David Pudleiner, ICF  
Nidhi Krishen, ICF

5:00–7:00 pm  Welcome Reception

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Wednesday, October 18

7:00 am–4:00 pm  
Registration

7:00–8:30 am  
Breakfast

8:30–10:00 am  
Plenary Panel

Federal Funding Opportunities for Utility Energy Efficiency Programs

Moderator: Lowell Ungar, Director of Federal Policy, ACEEE

Panelists: Thomas R. Davis, Director of the Office of Recapitalization, U.S. Department of Housing and Urban Development  
             Tilak Subrahmanian, Vice President, Energy Efficiency, Eversource  
             Theodore (Ted) K. Toon, Senior Advisor for Building Decarbonization and Finance, U.S. Environmental Protection Agency  
             Danielle Walker, Program Specialist, IRA Home Rebate Programs, Office of State and Community Energy Programs, U.S. Department of Energy

10:00–10:30 am  
Networking Break

10:30–11:30 am  
Breakout Sessions

4A: Multifamily Programs

Race to Decarbonization: Concrete Pathways Towards Retrofit Affordability  
Speaker: Lynda Nguyen, Kinetic Communities Consulting

No Resident Left Behind: Efficiency Upgrades for Low-Income DC Residents  
Speaker: Shayna Vayser, DC Sustainable Energy Utility (DCSEU)

Lessons Learned in ENERGY STAR® Multifamily New Construction Programs  
Speakers: Steve Klocke, Steven Winter Associates

4B: Equitable Policies and Programs

Centering Equity with Metrics  
Speaker: Erin Cosgrove, Northeast Energy Efficiency Partnerships

Beyond the Average Customer: Distributional Equity Analysis  
Speaker: Danielle Goldberg, Synapse Energy Economics

ACEEE’s Leading with Equity Initiative and Metrics in the 2023 Utility Energy Efficiency Scorecard  
Speaker: Amanda Dewey, ACEEE
4C: Energy Efficiency and Integrated Resource Planning
Using Energy Efficiency to Help Meet Distribution System Capacity Needs
Speaker: Lisa Schwartz, Lawrence Berkeley National Laboratory
Reimagining Resource Planning
Speaker: Katerina Stephan, RMI
TVA EnergyRight: Leveraging Customer-Focused Energy Efficiency Programs as a Least-Cost Resource
Speaker: Jason Snyder, Milepost

4D: Energy Efficiency and Electrification: Programs
Rhode Island Residential Utility Energy Efficiency and HVAC Rebate Program – 17 Years of Savings
Speaker: Charlie McCracken, CLEAResult LLC
Designing Residential Electrification Offerings to Benefit Income-Eligible Customers
Speaker: Kara Jonas, ComEd
Best Practices in Community-Based Program Design for Paths to Single-Family Decarbonization
Speaker: Honnie Leinartas, Elevate

There's a New Tool in Town
Speaker: Ben Park, National Renewable Energy Laboratory
A Generalized Approach to Develop Residential Energy Retrofit Analysis for U.S. Communities
Speaker: Jes Brossman, National Renewable Energy Laboratory
Building Stock End-Use Energy Datasets from the National Renewable Energy Laboratory
Speaker: Elaina Present, National Renewable Energy Laboratory
A New Data Platform for Building Upgrade Recommendations and Modeled Cost Targets to Transform the US. Residential Retrofit Market
Speaker: Aven Satre-Meloy, Lawrence Berkeley National Laboratory

11:45 am–1:00 pm Lunch and Keynote

The Outlook for the Future of Energy Efficiency as a Utility Resource and Its Importance for Achieving a Low-Carbon, Just, and Affordable Energy Future
Speaker: Gene Rodrigues, Assistant Secretary for Energy, Office of Electricity, U.S. Department of Energy (Prerecorded Presentation)
Q&A: Representative from the Office of Electricity, U.S. Department of Energy
1:15–2:15 pm  Breakout Sessions

5A: Residential Programs
Living Sustainably: New Construction All-Electric Opportunities in Connecticut  
Speaker: Alysse Rodrigues, Avangrid

Energy Resilient and Healthy Homes  
Speaker: James Purcell, Energize Delaware

Measured-Savings Pathway to Energy Efficiency, Electrification, and Peak Reduction – All in a Single Residential Program  
Speaker: Lloyd Kass, Franklin Energy

5B: Low-Income Energy Efficiency Programs
Whole-Home Repairs: Pathway to Energy Equity for Pennsylvania  
Speaker: Rachel Goodgal, Keystone Energy Efficiency Alliance

Health and Safety Solutions for Low Income Philadelphians  
Speaker: Zachary Popkin, Philadelphia Gas Works

Home Repair as a Prerequisite to Energy Efficiency Equity in Michigan  
Speaker: Jessica Minor-Baetens, Guidehouse

5C: Energy Efficiency in Planning
Integrating Co-benefits of Energy Efficiency into Energy and Climate Policy  
Speaker: Will Mulhern, Oregon Department of Energy

The Changing Value of Energy Efficiency  
Speaker: Tina Jayaweera, Northwest Power and Conservation Council

Least Cost Procurement in Rhode Island: A 15-Year Retrospective  
Speaker: Jeremy Newberger, Guidehouse

5D: Natural Gas Energy Efficiency Policies
Natural Gas Efficiency Policy for a Decarbonized Future (Minnesota)  
Speaker: Audrey Partridge, MNCEE

Gas Utility Decarbonization in Colorado  
Speaker: Justin Brant, Southwest Energy Efficiency Project

Speakers: Richard Cowart, Regulatory Assistance Project  
Chris Neme, Energy Futures Group
5E: Federal Tools Session: Analytical Tools for Multiple Impacts of Energy Efficiency and Electrification

Building Your Decarbonization Plan with 50001 Ready

U.S. EPA’s Energy Savings and Impacts Scenario Tool (ESIST) Assesses Multiple Benefits
Speaker: **TBD**, U.S. Environmental Protection Agency

Time-Sensitive Value of Electricity: Data, Tools, and Concrete Use Cases
Speaker: **Margaret Pigman**, Lawrence Berkeley National Laboratory

Commercial End Use Savings Shapes
Speaker: **Matthew Dahlhausen**, National Renewable Energy Laboratory

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2:15 pm–2:30 pm  Networking Break

2:30 pm–3:30 pm  Breakout Sessions

6A: Industrial Strategic Energy Management Programs

UI – Strategic Energy Management (SEM) Program
Speaker: **Shea Kirwin**, United Illuminating

Plan-Do-Check-Act: Analyzing the Impact of 17,000 Actions from SEM Opportunity Registers to Identify Program Design Enhancements
Speaker: **Zach Podell-Eberhardt**, Cascade Energy

Success of Strategic Energy Management (SEM) in California’s Industrial Sector
Speaker: **Anna Smidebush**, Pacific Gas & Electric

6B: Energy Efficiency Programs for Small Businesses

Speaker: **Lauren Goldfarb**, Power TakeOff

Business, Big Impact: Increasing Weatherization in Massachusetts Businesses
Speaker: **Emily Gaylord**, Center for EcoTechnology

Expanding Equitable Access to Small Business Efficiency Offerings
Speaker: **Emily Hazelton**, Eversource

6C: Time Value of Energy Efficiency

Considering the Time and Locational Value of Efficiency in Electricity Planning
Speaker: **Natalie Mims Frick**, Lawrence Berkeley National Laboratory

Managing Peak Demand in Distribution Systems with Efficiency and Flexibility as Buildings and Transportation Electrify
Speaker: **Sean Murphy**, Lawrence Berkeley National Laboratory

Knowledge is Power: Combining Energy Management Information with Time-Varying Pricing for Maximum Demand and Energy Impact
Speaker: **Marie-Claude Hamelin**, Econoler
6D: State Policy Support for Energy Efficiency

Energy Efficiency Resource Standards: What’s Next?
Speaker: Anthony Sandonato, Lawrence Berkeley National Laboratory

Performance Incentive Mechanisms for Efficient & Equitable Decarbonization
Speaker: Carina Rosesnbach, RMI

Lessons from the Land of Lincoln: Illinois’ Climate and Equitable Jobs Act
Speaker: Delmar Gillus, Elevate Energy

3:45 pm–4:30 pm Closing Plenary Panel

Breakthroughs and Breakouts: Scaling Energy Efficiency to Meet the Climate Challenge and Achieve Greater Energy Equity

Moderator: Sharyn Barata, Senior Vice President of Industry Engagement, Opinion Dynamics

Panelists: Rebecca Foster, Chief Executive Officer, VEIC
David Nemtzow, Building Technologies Office Director, U.S. Department of Energy
Emily Schapira, President and CEO, Philadelphia Energy Authority
Carla Walker-Miller, Founder and CEO, Walker Miller Energy