

2023 National Conference on Energy Efficiency as a Resource

PROGRAM

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

Monday, October 16

9:00 am–7:00 pm	Registration	Overture
10:00 am–5:00 pm	Industrial Heat Pumps Workshop (<i>preregistration required</i>)	Maestro
1:00–5:00 pm	Climate-Forward Efficiency Workshop (<i>preregistration required</i>)	Orchestra
5:00–7:00 pm	Reception	The Terrace

Tuesday, October 17

7:00 am–6:00 pm	Registration	Overture
7:00–8:15 am	Continental Breakfast	Ormandy Ballroom
8:15–9:30 am	Welcome, Introductions, and Keynote Address	Symphony Ballroom

Welcome: **Dan York**, ACEEE

Elizabeth Lankenau, Director of Sustainability, City of Philadelphia

Host Sponsor Welcome: **Michael A. Innocenzo**, President and Chief Executive Officer, 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: **Vicki Kuo**, Senior Vice President for Customer Energy Solutions, Con Edison

Christine Guhl-Sadovy, President, New Jersey Board of Public Utilities

9:30–10:00 am	Networking Break	Overture
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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: [Ashley McBride](#), Director of Policy, Southeast Energy Efficiency Alliance
[Todd McAlister](#), Executive Director, South-Central Partnership for Energy Efficiency as a Resource
[Justin Brant](#), Utility Program Director, Southwest Energy Efficiency Project
[David Lis](#), Director, Technology Market Transformation, Northeast Energy Efficiency Partnerships
[Paige Knutsen](#), Executive Director, Midwest Energy Efficiency Alliance
[Joe Desmond](#), Executive Director, California Efficiency + Demand Management Council
[Becca Yates](#), Executive Director, Northwest Energy Efficiency Alliance

Lunch with an opportunity to view and discuss the following poster presentations. Poster sessions will take place in the third floor Atrium the during lunch and the morning and afternoon breaks on Tuesday.

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!

Carla Giannattasio, 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

1A: Commercial Programs*Orchestra*Moderator: **Ricardo Jordan**, Eversource[Public Sector Program: Delivering Results by Beating the Barriers](#)Speaker: **Jean Gibson**, Peoples Gas and North Shore Gas[K-12 Efficiency as the Equitable Pathway for Rippling Benefits](#)Speakers: **Mike Li**, U.S. Department of Energy**Annabelle Swift**, 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***Maestro*Moderator: **Andy Frank**, Sealed[Energy Efficiency and Wholesale Markets in 2023: DERA Participation Models, Capacity Accreditation Reform, and Program Design Implications](#)Speaker: **Madeline Emerson**, TRC[The Power of Performance: Using Meter-Based Savings to Drive Action](#) (*video recording*)Speaker: **Allison Bially**, Alternative Energy Systems Consulting[Maximizing Energy Efficiency through Auction Mechanisms: A Comprehensive Analysis and Case Studies](#)Speaker: **Philippe Beaudoin**, Dunsy Energy + Climate**1C: Advancements in Cost-Effectiveness Testing***Aria*Moderator: **Jillian Winterkorn**, UI/Avangrid[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 Petersen**, Xcel Energy**1D: Role of Energy Efficiency in Decarbonization: Planning***Concerto*Moderator: **Zack Tyler**, Opinion Dynamics[The Utility Transition, Leading Utilities, and the Role of Demand-Side Management](#)Speaker: **Lakin 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

2A: Natural Gas Energy Efficiency Programs*Orchestra*Moderator: **Sagarika Subramanian**, ACEEE[Program Evolution Is Key to Success](#)Speaker: **Ryan Carter**, Franklin Energy[Residential Program: Impactful Solutions for Income-Eligible Customers](#)Speaker: **Omayra Garcia**, Peoples Gas and North Shore Gas[The New Normal](#)Speaker: **Tyler Glewwe**, CenterPoint Energy**2B: Community Approaches***Maestro*Moderator: **Tracy Narel**, U.S. Environmental Protection Agency[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***Aria*Moderator: **Jasmine Mah**, ACEEE[A Holistic Consideration of Non-Energy Impacts \(NEIs\): Prioritizing NEIs for Evaluation](#)Speaker: **Thomas Olson**, Consortium for Energy Efficiency[Impact of Carbon Pricing on Economic Feasibility of Energy Efficiency Measures for Utilities](#)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***Concerto*Moderator: **Kim Cullinane**, Eversource[Climate-Forward Efficiency](#)Speaker: **Mike Specian**, ACEEE[Evolving EmPOWER Maryland from Energy Efficiency to Carbon Reduction](#)Speakers: **Nicole Zeichner**, Maryland Office of People's Counsel**Dylan Voorhees**, VEIC[Leveraging Policy Implementation to Bridge Efficient and Renewable Energy](#)Speaker: **John Karyczak**, Avangrid

3A: Industrial Programs	<i>Orchestra</i>
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Moderator: **Hellen Chen**, ACEEE

[Going Deeper with Industrial Customers via Energy Management Information Systems](#)

Speaker: **Steven LaBarge**, ComEd

[Presenting on the Expansion of the Industrial Assessment Centers](#)

Speaker: **Clifton Yin**, U.S. Department of Energy

[The Role of Energy Efficiency for Zero-carbon Manufacturing Transformation in an Environment of More Affordable Low- and Zero-Carbon Energy](#)

Speaker: **Paulomi Nandy**, Oak Ridge National Laboratory

3B: Energy Efficiency and Market Transformation	<i>Maestro</i>
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Moderator: **Charlie McCrudden**, Daikin

[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**, Enervue

3C: Current Research on Engaging Energy Customers	<i>Aria</i>
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Moderator: **Beth Conlin**, U.S. Environmental Protection Agency

[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 Antonopoulos**, Pacific Northwest National Laboratory

[How Customer Targeting Can Improve Grid and Customer Outcomes](#)

Speaker: **Alex Pollard**, Recurve

3D: Energy Efficiency and Electrification: Planning	<i>Concerto</i>
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Moderator: **Nick Minderman**, Xcel Energy

[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, City of Philadelphia

5:00–7:00 pm

Welcome Reception

The Terrace



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Wednesday, October 18

7:00 am–4:00 pm

Registration

Overture

7:30–8:30 am

Continental Breakfast

Ormandy Ballroom

7:30–8:30 am

Women in Energy Efficiency Breakfast (*ticketed event*)

Orchestra

8:30–10:00 am

Plenary Panel

Symphony Ballroom

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

Anthony Fiore, Chief Program Officer, NYSERDA

Tilak Subrahmanian, Vice President, Energy Efficiency, Eversource

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

Overture

10:30–11:30 am

Breakout Sessions

4A: Multifamily Programs

Symphony Ballroom

Moderator: **Natalia Sudyka**, Eversource

[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

Orchestra

Moderator: **Kate Peters**, Eversource

[Centering Equity with Metrics](#)

Speaker: **Yiran He**, 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

Maestro

Moderator: **Mike Specian**, ACEEE

[Using Energy Efficiency to Help Meet Distribution System Capacity Needs](#)

Speaker: **Guillermo Pereira**, Lawrence Berkeley National Laboratory

[Reimagining Resource Planning](#)

Speaker: **Katerina Stephan**, RMI (*Rachel Gold*, RMI will present on Katerina's behalf.)

[TVA EnergyRight: Leveraging Customer-Focused Energy Efficiency Programs as a Least-Cost Resource](#)

Speaker: **Jason Snyder**, Milepost

4D: Energy Efficiency and Electrification: Programs

Aria

Moderator: **Charles Franklin**, American Chemistry Council

[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

4E: Federal Tools Session: Analytical Tools for Residential Energy Efficiency

Concerto

Moderator: **Beth Conlin**, U.S. Environmental Protection Agency

[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: **Philip White**, National Renewable Energy

[A New Data Platform for Building Upgrade Recommendations and Modeled Cost Targets to Transform the U.S. Residential Retrofit Market](#)

Speaker: **Aven Satre-Meloy**, Lawrence Berkeley National Laboratory

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

Moderator: [Marty Kushler, ACEEE](#)

Speaker: [Gene Rodrigues, Assistant Secretary for Energy, Office of Electricity, U.S. Department of Energy](#)
(Prerecorded Presentation)

Q&A: [Joseph Paladino, Office of Electricity, U.S. Department of Energy](#)

1:15–2:15 pm

Breakout Sessions

5A: Residential Programs

Symphony Ballroom

Moderator: **Charles Newborn**, SEEL, LLC.

[Living Sustainably: New Construction All-Electric Opportunities in Connecticut](#)

Speaker: **Alysse Rodrigues**, Avangrid

Measured-Savings Pathway to Energy Efficiency, Electrification, and Peak Reduction – All in a Single Residential Program

Speaker: **Justin Kjeldsen**, Franklin Energy

5B: Low-Income Energy Efficiency Programs

Orchestra

Moderator: **Gil Peach**, Adapt Global

[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

Maestro

Moderator: **Joanne Bachman**, VEIC

[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: **Kevin Smit**, 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 for a Climate Era

Aria

Moderator: [Marty Kushler, ACEEE](#)

[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

[Clean Heat Standards: New Tools for Thermal Savings](#)

Speakers: **Richard Cowart**, Regulatory Assistance Project
Chris Neme, Energy Futures Group

Concerto

5E: Federal Tools Session: Analytical Tools for Multiple Impacts of Energy Efficiency and Electrification

Moderator: **Tracy Narel**, U.S. Environmental Protection Agency

[Building Your Decarbonization Plan with 50001 Ready](#)

Speaker: **Jay Wrobel**, U.S. Department of Energy Building Technology Office

[U.S. EPA's Energy Savings and Impacts Scenario Tool \(ESIST\) Assesses Multiple Benefits](#)

Speaker: **David Tancabel**, 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

2:30 pm–3:30 pm

Breakout Sessions

6A: Industrial Strategic Energy Management Programs

Symphony Ballroom

Moderator: **Kyle Svendsen**, Eversource

[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

Orchestra

Moderator: **Steven Menges**, National Grid

[Spray and Pray Marketing No More. How Data-First Efficiency Programming Is Redefining Go-To-Market Approaches for Utility EE and KW Reduction](#)

Speaker: **Earl Sarain**, Duquesne Light Company

[Business, Big Impact: Increasing Weatherization in Massachusetts Businesses](#)

Speaker: **Ashley Muspratt**, Center for EcoTechnology

[Expanding Equitable Access to Small Business Efficiency Offerings](#)

Speaker: **Emily Hazelton**, Eversource

6C: Time Value of Energy Efficiency

Maestro

Moderator: **Jillian Winterkorn**, UI/Avangrid

[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

Speakers: **Sean Murphy**, Lawrence Berkeley National Laboratory

Mary Horsey, Fort Collins Utility

[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

Aria

Moderator: **Susan Stratton**, Stratton Gilmore Group

[Energy Efficiency Resource Standards: What's Next?](#)

Speaker: **Anthony Sandonato**, Lawrence Berkeley National Laboratory

[Performance Incentive Mechanisms for Efficient & Equitable Decarbonization](#)

Speaker: **Carina Rosenbach**, RMI

[Lessons from the Land of Lincoln: Illinois' Climate and Equitable Jobs Act](#)

Speaker: **Delmar Gillus**, Elevate Energy

6E: Federal Tools Session: Office Hours with Presenters from Sessions 4E and 5E

Concerto

(Presenters from Sessions 4E and 5E will be available to discuss and demonstrate their tools.

Bring your own laptop if you would like to access and try them out.)

3:30-4:00 pm

Networking Break

Overture

4:00-5:00 pm

Closing Plenary Panel

Symphony Ballroom

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

Steve Menges, National Grid

Emily Schapira, President and CEO, Philadelphia Energy Authority

Carla Walker-Miller, Founder and CEO, Walker Miller Energy