

PANEL 5 ACCEPTED PAPERS

Title	Category	Lead Author First Name	Lead Author Last Name	Lead Author Organization
An all-electric Passive House renovation of an 100-year old skyscraper: lessons learned	Oral	Cecil	Scheib, PE	New York University
A Case Study Modeling Barriers and Opportunities for Multifamily Electrification Retrofits	Oral	Rhys	Davis	Resource Refocus
Planning for Portfolio-wide Net Zero Energy Existing Buildings (ZEEB) on a Budget	Oral	David	Kaiser	City of Alexandria, VA
Electrofit Cost Effectiveness, Policymaking, and Financing Approaches for Local Agencies	Oral	Farhad	Farahmand	TRC
Scaling Audits through Machine Learning Methods on Novel Image Data	Oral	Reshma	Singh	Lawrence Berkeley National Lab
Financing Energy Improvements in the Mortgage	Oral	Richard	Faesy	Energy Futures Group (EFG)
Better, cheaper, faster, stronger: a new data collection campaign to capture the benefits of industrialized construction approaches for whole building retrofits	Oral	Aven	Satre-Meloy	Lawrence Berkeley National Laboratory
A Deep Dive into Air Sealing Best Practices and Market Potential	Oral	Brigid	O'Connor	Summerhill Group Inc.
Digitalization of Deep Wall Retrofits: An Integrated Insulated Panel Block (PB) System and Process	Oral	Kurt	Roth	Fraunhofer USA
Tool for estimating emission reduction opportunities at the community scale: A case study of Bellingham, Washington	Oral	Joshua	Schraer	Institute for Energy Studies at Western Washington University
Whole-Home Retrofit Approaches for Health and Equity	Oral	Yu Ann	Tan	RMI
Better bang for your buck? Comparing savings realization from ESPCs and direct-funded projects	Oral	Shankar	Earni	Lawrence Berkeley National Laboratory
Designer Interviews: Key Findings on Boiler Retrofits and Electrification in Existing Buildings	Oral	Emily	Lamon	University of California, Berkeley
Scaling Tall Building Decarb in the Biggest US Market	Oral	Adam	Hinge	Sustainable Energy Partnerships
Decarbonization Packages for NYC Office Buildings	Oral	Helen	Chananie	Building Energy Exchange
Creating regional ecosystems for scalable, low-carbon whole-building retrofits	Oral	Patty	Kappaz	Allegheny Science & Technology
Leveraging Standard Data Models to Streamline Whole Building Retrofits	Oral	Richard	Andrulis	Performance Systems Development
The Costs of Home Decarbonization	Oral	Iain	Walker	Lawrence Berkeley National Laboratory
Pathways to Home Decarbonization	Oral	Iain	Walker	Lawrence Berkeley National Laboratory

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Decarbonizing Large Buildings: Overcoming Barriers and Supporting Market Advancement	Oral	Patricia	Lightburn	Dunsky Energy + Climate Advisors
Closing the Code Gap: Best Practices for Existing Building Energy Codes	Oral	Lauren	McNutt	Dunsky Energy + Climate Advisors
Customer financial outcomes under Inclusive Utility Investment programs	Oral	Jeff	Deason	Lawrence Berkeley National Laboratory
Equity Focused Minnesota Workforce Development Pilot	Oral	Sarah	Northrup	Center for Energy and Environment
Early Designs and Deep Retrofits: Meeting Affordable Multifamily Organizations with Useful Technical Services	Oral	Alex	Novie	Energy Trust of Oregon
Making Naturally Occurring Affordable Housing More Efficient: Outreach to Upgrade	Oral	Abigail	Corso	Elevate
Taking Down Barriers – Deploying a BEM-Based Approach to Promote Energy Efficiency and Decarbonization in the Existing Residential Sector	Oral	Mudit	Saxena	Vistar Energy Inc. / XeroHome
Meter-Based Targeting for Beneficial Electrification at Scale	Oral	Mia	Oppelstrup	Recurve Analytics
It Takes a Platform: Creating an Ecosystem to Drive Energy Efficiency	Oral	Robin	LeBaron	Pearl Certification
Community Building Retrofits: shifting from deep dives that don't deliver (at scale), to outcome-based pathways	Oral	Lauren	McNutt	Dunsky Energy + Climate Advisors
Best Practices from the Field: Air-to-Water Heat Pump Combi Systems	Oral	Jason	LaFleur	GTI Energy
Tools to estimate the hourly value of energy efficiency measures	Alternate	Natalie	Frick	Lawrence Berkeley National Lab
Systems Retrofits for All: Utility Incentive Programs to Accelerate the Deployment of Systems Packages	Alternate	Cindy	Regnier	Lawrence Berkeley National Lab
When Electrification Meets Reality: Decarbonization in Existing Affordable Housing and Class B Commercial in Seattle	Alternate	Nicole	Ballinger	City of Seattle Office of Sustainability & Environment
Leveling Up Building Performance Regulations: How Governments Can Craft Comprehensive, Effective Building Performance Standards to Drive Widespread Market Transformation	Alternate	Zachary	Hart	Institute for Market Transformation
Energy Efficiency as a Service: An Emerging Tool for Utilities to Reach Deeper Savings in Buildings	Alternate	Nick	Henner	American Council for an Energy Efficient Economy
Game changing technology for retrofit application: 120V HPWHs	Alternate	Amruta	Khanolkar	New Buildings Institute
Hybrid HVAC Systems: The Next Generation of Flexible, Efficient, Carbon-Friendly HVAC Design	Alternate	Dre	Helmns	Lawrence Berkeley National Laboratory

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Transforming Envelope Efficiency in New and Retrofit Buildings	Alternate	Jason	LaFleur	GTI Energy
Turn the tide of savings in commercial buildings with comprehensive retrofit programs	Alternate	Rohini	Srivastava	American Council for an Energy Efficient Economy
The Case for Holistic Energy Efficiency Programs, featuring the City of Pomona	Visual	Rachel	Pennington	The Energy Coalition
Put your money on it: Long-term performance of energy efficiency loan portfolios	Visual	Jeff	Deason	Lawrence Berkeley National Laboratory
What is inclusive utility investment for site-specific energy upgrades, and what can we learn from reported field experience?	Visual	Jill	Ferguson	LibertyHomes