

PANEL 6 ACCEPTED PAPERS

Title	Category	Lead Author First Name	Lead Author Last Name	Lead Author Organization
Field Performance of Variable Capacity Heat Pumps in Southeastern Homes, a DER Option?	Oral	Jonathan	Coulter	Advanced Energy
Hawaii's Path to Decarbonization: Keeping the Lights On as the Last Coal Plant Turns Off	Oral	Brian	Kealoha	Hawai'i Energy
Moving the target – evolving portfolio metrics from EE to GHG	Oral	JJ	Vandette	VEIC
What is the Role of Fuels in a Decarbonized Future? What is the Potential Role for Gas Utilities?	Oral	Steven	Nadel	American Council for an Energy-Efficient Economy
A Utility's Clean Energy Equity Plan	Oral	Jennifer	Finnigan	Seattle City Light
One Utility's Journey to Systematically Gain Focus on Equity	Oral	Lori	Moen	Seattle City Light
One leak at a time: embedding refrigerant management in building electrification and decarbonization strategies	Oral	Ali	White	VEIC
Climate-Forward Performance Incentives: Rewarding What Matters	Oral	Rachel	Gold	RMI
GHG Emissions Reduction Analysis in Commercial Buildings	Oral	Xiaoying	Hillaker	DNV
Leverage- How Utility-Funded Programs are Addressing Cost-Effectiveness and Rate Impact Issues through Co-Funding	Oral	Fred	Gordon	Energy Trust of Oregon
Assessment of the Value of Novel Waste Heat Sources and a Path Towards Adoption	Oral	Manuel	Laemmle	National Renewable Energy Laboratory
Data Requirements for Decarbonization through Utility Energy Efficiency Programs	Oral	Mike	Specian	American Council for an Energy-Efficient Economy
Benefit-Cost Analysis of Non-Wires Alternatives (NWA): Reflecting Uncertainty in Electric Distribution System Planning	Oral	Sam	Ross	Optimal Energy
Lessons Learned from a Small Good-Will Project: Installing Heat Pump Water Heaters in Black-owned Homes in Portland	Oral	Lisa	Green	Energy 350
Bills, Bills, Bills – Can Utility Meter Data Tell the Heat Pump Story?	Oral	Patrick	Hewlett	DNV
Residential Electric Service Upgrades for Electrification Retrofits	Oral	Shoshana	Pena	NV5 Inc
Too Much – Too Little. Using Mixed Resource Demand Response to Address Over and Under Supply of Electricity	Oral	Ethan	Barquest	Verdant Associates
Heating Electrification without Peak? A Unique Collaboration Shows a Third Way is Possible	Oral	Philippe	Dunsky	Dunsky Energy + Climate Advisors
Unique Building Identifier: Eliminating Silos and Unlocking Building-related Energy Data	Oral	Mark	Borkum	Pacific Northwest National Laboratory
The new low-carb diet: an assessment of California's new fuel substitution decarbonization policy in practice	Oral	Cameron	Tuttle, P.E.	DNV Energy Systems

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Synergistic Transition: An exploration of non-fossil opportunities for plumbers and pipefitters	Oral	Amy	Rider	Building Decarbonization Coalition
Introducing the Distributed District Energy System	Oral	Jonathan	Bean	The University of Arizona
Reimagining Energy Efficiency: Building on a Legacy of Success for Higher Impacts and Value	Oral	Dan	York	American Council for an Energy-Efficient Economy
Tip of the Spear: How Efficiency Programs Supporting Cold Climate Heat Pumps in Low Income Multi-Family Buildings Could Help Lay the Foundation for Building Decarbonization In Michigan and Illinois	Oral	Laura	Goldberg	Natural Resources Defense Council
Defining the role of gas utilities in a decarbonized energy future	Oral	Essie	Snell	ICF
Utility and Participant Value of a Pay As You Save Energy Efficiency Program	Oral	Stephen	Bickel	LibertyHomes
Fuel-Fired Equipment in a Zero Carbon Future: Does Gas have a Role?	Oral	Jason	LaFleur	GTI Energy
Dig here: Insights from Direct Burial Cable Study and Implications for Electrification	Oral	Gomathi	Sadhasivan	DNV
The Deproliferation of Refrigerant Greenhouse Gases	Oral	Brad	Hoover	DNV
Electric Utility Rates are Critical to Broad Space-heating Electrification - Data from the Midwest	Oral	Carl	Nelson	Center for Energy and Environment
Energy Efficiency in Hawaii's Performance-Based Regulation Framework: Incentivizing Savings for Low-Income Customers	Alternate	Grace	Relf	Hawaii Public Utilities Commission
Aligning Energy Efficiency Programs with a Decarbonization Future	Alternate	Matthew	Woundy	NMR Group, Inc
The New Grid Demands Flexibility: How Utility Programs Can Encourage Buildings to Play an Active Role in Grid Transformation Through Demand Flexibility	Alternate	Alexi	Miller	New Buildings Institute
Understanding Utility Awareness and Engagement among Low Income Customers	Alternate	Hale	Forster	See Change Institute
Future of Building Energy Efficiency – Drivers and Market Scenarios	Alternate	Steven R.	Schiller	Electricity Markets and Policy Department, Lawrence Berkeley National Laboratory
Choosing the carbon factor for the job: Exploring available carbon emissions factors and the impact of factor selection	Alternate	Elaina	Present	National Renewable Energy Laboratory
You get what you ask for: setting efficiency targets in terms of total energy system and climate benefits	Alternate	Mohit	Chhabra	Natural Resources Defense Council

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From Hundreds to Hundreds of Thousands – Scaling Up to Decarbonize	Alternate	Vanessa	Richter	Oracle
Custom block rate design: a policy innovation to accelerate energy efficient technology adoption in facilities	Alternate	Eric	Mazzi	Mazzi Consulting
100% means everyone: the imperative for inclusive financial solutions for equitable decarbonization	Alternate	Holmes	Hummel	Clean Energy Works