

## Panel 6: Utilities and the Future

**PANEL LEADERS: Ben Clarin, Electric Power Research Institute and Anne-Marie Peracchio, NJNG**

DATE	SESSION	TITLE	LEAD AUTHOR, ORGANIZATION
Mon 8/5	<b>Session 1</b> <b>8:30 - 10:00 am</b>  Emerging Tools & Approaches for Equitable Utility Program Transformation	<i>The Race Is On: Transforming the Clean-Energy Market as If Our Lives Depended on It There IS a Better Way to Transform the Clean-Energy Market, and We Have to Do It Quickly</i>	Rebecca Rothman, VEIC
		<i>Benefit-Cost Analysis of Targeted Electrification and Gas Decommissioning in California's East Bay</i>	Aryeh Gold-Parker, Energy and Environmental Economics
		<i>Super-Efficient Room Conditioners as Multifamily Market Mover</i>	Erik March, Consortium for Energy Efficiency
	<b>Session 2</b> <b>10:30 am - 12:00 pm</b>  Lessons Learned from Utility Tariff Design & Dynamic Rate Pilots	<i>How Do Small and Medium Businesses Understand and Respond to TOU Rates?</i>	Gaby Margas, See Change Institute
		<i>Unlocking Equitable Energy Transition with Inclusive Utility Investments: Implementation in Massachusetts</i>	Ashley Muspratt, CET
		<i>Propelling Equitable Decarbonization through Utility Programs and Rate Design</i>	Tanushree Charan, National Renewable Energy Laboratory
Tues 8/6	<b>Session 1</b> <b>8:30 - 10:00 am</b>  Gas Utilities Working Toward Decarbonization Solutions	<i>Towards a more flexible gas future: emerging approaches to gas load management</i>	Essie Snell, Copper Labs
		<i>Better Together: Utility Coordination on Next Generation Decarbonization Solutions</i>	Randy Opdyke, The North American Gas Heat Pump Collaborative
		<i>Debunking the Myths of Hybrid Heat Pumps</i>	Ari Gold-Parker, Energy & Environmental Economics
	<b>Session 2</b> <b>10:30 am - 12:00 pm</b>  Working Together - Electric and Gas Companies Collaborating on Decarbonization Solutions	<i>Planning for Electrification: Guidance on Aligning Gas and Electric Planning</i>	Ronny Sandoval, Regulatory Assistance Project
		<i>A Seat at the Big Kid's Table: Incorporating DERs in Utility Resource Planning</i>	Ethan Goldman, Resilient Edge
		<i>Emerging aspects of gas demand side management, including demand response to support load balancing and avoid new infrastructure</i>	Walker Larsen, CEE

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Wed 8/7	Session 1 8:30 - 10:00 am  Lessons Learned from Electrification Efforts	<i>Mitigating the Grid Impacts of Electrification: Opportunities to Reduce Barriers to Electrifying our Buildings for Decarbonization.</i>	AJ Howard, Linden Clean Energy
		<i>Right Place, Right Time: How modernizing load and DER forecasting practices can help utilities prepare their systems for electrifi</i>	Ahmed Hanafy, Dunsky Energy + Climate Advisors
		<i>Out of the Frying Pan and Into the Wire</i>	Zach Froio, Applied Energy Group
	Session 2 10:30 am - 12:00 pm  To Flex or Not to Flex - Valuing DER and Demand Flexibility	<i>Here Comes the Sun: Determining the Future Benefit of Net-Metered Solar</i>	Anirudh Kshemendranath, Dunsky Energy + Climate Advisors
		<i>Mechanisms for Quantifying and Transferring Grid Impacts &amp; Environmental Attributes of Decarbonization Projects</i>	Madeline Emerson, TRC
		<i>Development of customized measure packages for cost-effective and scalable combined demand flexibility and energy efficiency programs</i>	James McNeill, Edo
Thurs 8/8	Session 1 8:30 - 10:00 am  Serving All Utility Customers	<i>Uplifting Rentals: Decarbonizing Subsidized Housing</i>	Sarah Monohon, Evergreen Economics
		<i>A Smart Step Forward: Analytics for Equitable Electrification Program Planning</i>	Jess Kursman, Energy Solutions
		<i>Maximizing Reach and Impact to the Underserved with Unique Partnerships and Braided Funding</i>	Heather Hendrickson, Energy Arkansas
	Session 2 10:30 am - 12:00 pm  Rethinking Heating - Insights from Thermal Networks and Dual Fuel Heating	<i>Obligation to serve: utility approach to providing decarbonized heat</i>	Kristina Nikforova, National Grid
		<i>The Future of Heat: How Utility-Owned Thermal Energy Networks Can Decarbonize Neighborhoods at Scale</i>	Ana Maria Camargo, Building Decarbonization Coalition
		<i>Coalition For Community-Supported Affordable Geothermal Energy Systems (C2SAGES)</i>	Kaushik Biswas, GTI Energy

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DATE	SESSION	TITLE	LEAD AUTHOR, ORGANIZATION
<b>Fri 8/9</b>	<b>Session 1</b> <b>8:30 - 10:00 am</b>	<i>Strategic Decarbonization Utilizing Building Stock Datasets</i>	Griffith Keating, NV5, Inc.
	What, When, and Where? Using Data to Plan the Utility Programs of the Future	<i>Who, What, Where: Non-Program Residential Battery Storage Identification and Dispatch Behaviors in High Fire Threat Districts and Disadvantaged Communities</i>	Ethan Barquest, Verdant Associates
		<i>Moving Beyond the Buzz Words – Simplified Examples Provide Context to the “Mysteries” of “Data Science”</i>	Noel Stevens, TRC
		<i>Ensuring equitable access to energy affordability and energy efficiency with utility data and technology</i>	Samantha Caputo, Opower Oracle
	<b>Session 2</b> <b>10:30 am - 12:00 pm</b>		
	What is the Data Telling Us? Lessons Learned from Data from Utility Programs	<i>SEM: Break down barriers and the savings persist</i>	Kayla Kirksey, Evergreen Economics
	<i>Decarbonize This: Measuring the Building Electrification Baseline With a Comprehensive Meter Dataset</i>	Brian Gerke, Recurve	