### Panel 6: Utilities and the Future

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

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| Mon 8/5 | Session 1 | 8:30 - 10:00 am  
Emerging Tools & Approaches for Equitable Utility Program Transformation | The Race Is On: Transforming the Clean-Energy Market as If Our Lives Depend on It There IS a Better Way to Transform the Clean-Energy Market, and We Have to Do It Quickly  
Benefit-Cost Analysis of Targeted Electrification and Gas Decommissioning in California's East Bay  
Super-Efficient Room Conditioners as Multifamily Market Mover | Rebecca Rothman, VEIC  
Aryeh Gold-Parker, Energy and Environmental Economics  
Erik March, Consortium for Energy Efficiency |
| Mon 8/5 | Session 2 | 10:30 am - 12:00 pm  
Lessons Learned from Utility Tariff Design & Dynamic Rate Pilots | How Do Small and Medium Businesses Understand and Respond to TOU Rates?  
Unlocking Equitable Energy Transition with Inclusive Utility Investments: Implementation in Massachusetts  
Propelling Equitable Decarbonization through Utility Programs and Rate Design | Gaby Margas, See Change Institute  
Ashley Muspratt, CET  
Tanushree Charan, National Renewable Energy Laboratory |
| Tues 8/6 | Session 1 | 8:30 - 10:00 am  
Gas Utilities Working Toward Decarbonization Solutions | Towards a more flexible gas future: emerging approaches to gas load management  
Better Together: Utility Coordination on Next Generation Decarbonization Solutions  
Debunking the Myths of Hybrid Heat Pumps | Essie Snell, Copper Labs  
Randy Opdyke, The North American Gas Heat Pump Collaborative  
Ari Gold-Parker, Energy & Environmental Economics |
| Tues 8/6 | Session 2 | 10:30 am - 12:00 pm  
Working Together - Electric and Gas Companies Collaborating on Decarbonization Solutions | Planning for Electrification: Guidance on Aligning Gas and Electric Planning  
A Seat at the Big Kid’s Table: Incorporating DERs in Utility Resource Planning  
Emerging aspects of gas demand side management, including demand response to support load balancing and avoid new infrastructure | Ronny Sandoval, Regulatory Assistance Project  
Ethan Goldman, Resilient Edge  
Walker Larsen, CEE |
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<tr>
<td>Wed 8/7</td>
<td>Session 1 8:30 - 10:00 am</td>
<td><strong>Mitigating the Grid Impacts of Electrification:</strong> Opportunities to Reduce Barriers to Electrifying our Buildings for Decarbonization.</td>
<td>AJ Howard, Linden Clean Energy</td>
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<td>Lessons Learned from Electrification Efforts</td>
<td><strong>Right Place, Right Time:</strong> How modernizing load and DER forecasting practices can help utilities prepare their systems for electrifi</td>
<td>Ahmed Hanafy, Dunsky Energy + Climate Advisors</td>
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<td><strong>Out of the Frying Pan and Into the Wire</strong></td>
<td>Zach Froio, Applied Energy Group</td>
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<td>Session 2 10:30 am - 12:00 pm</td>
<td><strong>Here Comes the Sun:</strong> Determining the Future Benefit of Net-Metered Solar</td>
<td>Anirudh Kshemendranath, Dunsky Energy + Climate Advisors</td>
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<td>To Flex or Not to Flex - Valuing DER and Demand Flexibility</td>
<td><strong>Mechanisms for Quantifying and Transferring Grid Impacts &amp; Environmental Attributes of Decarbonization Projects</strong></td>
<td>Madeline Emerson, TRC</td>
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<td><strong>Development of customized measure packages for cost-effective and scalable combined demand flexibility and energy efficiency programs</strong></td>
<td>James McNeill, Edo</td>
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<td>Thurs 8/8</td>
<td>Session 1 8:30 - 10:00 am</td>
<td><strong>Uplifting Rentals: Decarbonizing Subsidized Housing</strong></td>
<td>Sarah Monohon, Evergreen Economics</td>
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<td>Serving All Utility Customers</td>
<td><strong>A Smart Step Forward: Analytics for Equitable Electrification Program Planning</strong></td>
<td>Jess Kursman, Energy Solutions</td>
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<td><strong>Maximizing Reach and Impact to the Underserved with Unique Partnerships and Braided Funding</strong></td>
<td>Heather Hendrickson, Entergy Arkansas</td>
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<td>Session 2 10:30 am - 12:00 pm</td>
<td><strong>Obligation to serve: utility approach to providing decarbonized heat</strong></td>
<td>Kristina Nikforova, National Grid</td>
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<td>Rethinking Heating - Insights from Thermal Networks and Dual Fuel Heating</td>
<td><strong>The Future of Heat: How Utility-Owned Thermal Energy Networks Can Decarbonize Neighborhoods at Scale</strong></td>
<td>Ana Maria Camargo, Building Decarbonization Coalition</td>
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<td><strong>Coalition For Community-Supported Affordable Geothermal Energy Systems (C2SAGES)</strong></td>
<td>Kaushik Biswas, GTI Energy</td>
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| Fri 8/9 | **Session 1**  
8:30 - 10:00 am  
What, When, and Where? Using Data to Plan the Utility Programs of the Future | **Strategic Decarbonization Utilizing Building Stock Datasets**  
Who, What, Where: Non-Program Residential Battery Storage Identification and Dispatch Behaviors in High Fire Threat Districts and Disadvantaged Communities  
Moving Beyond the Buzz Words – Simplified Examples Provide Context to the “Mysteries” of “Data Science” | Griffith Keating, NV5, Inc.  
Ethan Barquest, Verdant Associates  
Noel Stevens, TRC |
| Fri 8/9 | **Session 2**  
10:30 am - 12:00 pm  
What is the Data Telling Us? Lessons Learned from Data from Utility Programs | **Ensuring equitable access to energy affordability and energy efficiency with utility data and technology**  
SEM: Break down barriers and the savings persist  
Decarbonize This: Measuring the Building Electrification Baseline With a Comprehensive Meter Dataset | Samantha Caputo, Opower Oracle  
Liandra Chapman, Evergreen Economics  
Brian Gerke, Recurve |