

Panel 11: Resilient and Healthy Communities

PANEL LEADERS: Jeannette LeZaks, Slipstream, Heather Rosenberg, Arup and Brittany Moffett, Arup

| DATE | SESSION | TITLE | LEAD AUTHOR, ORGANIZATION |
|----------|---|---|---|
| Mon 8/5 | Session 1 8:30 - 10:00 am Weathering Extreme Weather: Learning from Experience | <i>It Was Water, Water Everywhere: What Did Efficiency Programs Learn from the Last, Great Flood?</i> | Robyn King |
| | | <i>Summer Indoor Thermal Conditions in Chicago Residences without Central Air Conditioning</i> | Paige Neri, Elevate |
| | | <i>Is a generator the only solution when the grid fails?: Optimizing systems for resiliency and carbon reduction</i> | Thibault Marzullo, National Renewable Energy Laboratory |
| | Session 2 10:30 am - 12:00 pm Healthy Homes, Healthy Food: Relationship between EE and Health | <i>In the Air Tonight: How Residential Electrification Can Lead to Cleaner Air and Better Health</i> | Talor Gruenwald, Rewiring America |
| | | <i>Residential Non-Energy Impacts of Converting Stovetops from Gas to Induction</i> | Samuel Manning, NMR Group |
| | | <i>Conjoining Food and Grid Resiliency with Onsite Power and CEA</i> | Tom Bourgeois, Pace Land Use Law Center for Sustainability |
| Tues 8/6 | Session 1 8:30 - 10:00 am Charting a New Course through Quantifying Resiliency | <i>Can We Walk and Chew Bubblegum at the Same Time? Climate resilience-building in Building Performance Standards: opportunities to align mitigation and adaptation</i> | Kathleen Bryan, 2050 Partners |
| | | <i>Building Efficiency for Energy Resilience: Analysis and Applications</i> | Ellen Franconi, Pacific Northwest National Laboratory |
| | | <i>Quantifying the Benefits and Scaling New Funding Sources to Address Weatherization-Readiness</i> | Dan Farrell, ACEEE |
| | Session 2 10:30 am - 12:00 pm Scaling Up Resilience from an Equity Foundation | <i>Ramping Up Community Building Decarbonization: Planning for Scale, Pace, and Equity at the Local Level</i> | Poppy Storm, 2050 Institute |
| | | <i>Resilience Non-Energy Impacts of Battery Storage</i> | Greg Clendenning, NMR Group |
| | | OPEN | |

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| Wed 8/7 | Session 1 8:30 - 10:00 am | <i>Advancing Energy Equity in the City of Orlando</i> | Brittany Sellers, City of Orlando | |
| | | <i>The Technical Challenges of Achieving the Resilience Hub Vision: Lessons from California and New York</i> | Brittany Moffett, Arup | |
| | | <i>It's About Trust: Delivering Energy Efficiency in Native American Communities</i> | Michael Frischman, New Mexico Gas Company | |
| | Session 2 10:30 am - 12:00 pm | Healthier Communities: Putting Numbers to Non-Energy Benefits | <i>Healthier and Wealthier Communities Through Energy Efficiency: Monetizing Non-Energy Benefits for Cost-effectiveness Tests Across Electric and Gas Efficiency Programs</i> | Charles Ampong, Guidehouse |
| | | | <i>Comfort in the Dark: Quantifying the value of building resilience</i> | Noah Lieb, Apex Analytics |
| | | | <i>A climate-aware built environment: Integrating future weather data into buildings decisions today</i> | Carly Peltier, American Assoc. for the Advancement of Science |
| Thurs 8/8 | Session 1 8:30 - 10:00 am | <i>Another Step Forward: Continuing to Build Energy Resiliency Informed by Customer Electric Burden</i> | Tondra Jeter, Energy Arkansas | |
| | | <i>Time to Deliver a New Energy Program Metric: Resilience--for the Grid and the Consumer</i> | Laura Capps, Efficiency Vermont | |
| | | <i>Comparison of the economic and operational characteristics of building level versus community scale resiliency strategies</i> | Dara Salour, AESC | |
| | Session 2 10:30 am - 12:00 pm | Building Power: Many Ways to Engage Priority Communities | <i>Empowering the Pursuit of Energy Equity through Storytelling (SHORT FILMS)</i> | Tonika Lewis Johnson, Elevate |
| | | | <i>Delivering on Equity. Anchoring on Decarbonization of Low-Income Homes as part of a Multi-project Approach for Resilient and Healthy Communities: Stories from the Field</i> | Genaro Bugarin, The Energy Coalition |
| | | | <i>Climate Change: The Affordable Housing Threat Multiplier</i> | Adam Meier, Housing Partnership Network |

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| Fri 8/9 | Session 1 8:30 - 10:00 am | <i>Opening the Window to Space Heating Decarbonization for Communities</i> | Lili Yu, Lawrence Berkeley National Laboratory |
| | Future-proofing Our World: Technologies for Resilience | <i>Field Studies for Enabling Sustainable Resiliency: Leveraging Innovative Building Technologies for Grid Reliability Across California's High-Risk and Vulnerable Communities</i> | Jeff Barnes, San Diego Gas & Electric |
| | Future-proofing Our World: Technologies for Resilience | <i>Energy burden awareness and thermal resilience informed thermal energy storage system planning for disadvantaged communities</i> | Zhenglai Shen, Oak Ridge National Laboratory |
| | Session 2 10:30 am - 12:00 pm | OPEN SESSION | |