

PANEL 11: RESILIENT, SUSTAINABLE COMMUNITIES

(Meeting Room: Toyon)

Panel Leaders: [Eliza Hotchkiss](#) and [Madeline Salzman](#)

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| MONDAY, AUGUST 22 | SESSION 1 (8:30 - 10:00 am) | TUESDAY, AUGUST 23 | SESSION 1 (8:30 - 10:00 am) |
| | Rule #1: Be Prepared | | Not Your Average Back Up Generator: Resilience Without the Emissions |
| | <i>Incorporating Climate Change Scenarios into Risk-informed Resilience Planning</i> Presented by <i>Eliza Hotchkiss</i> , National Renewable Energy Laboratory (Lead: <i>Hannah Rabinowitz</i> , Pacific Northwest National Laboratory) | | <i>Building Decarbonization Policies in the Midwest</i> Presented by <i>Madison Johnston</i> , Midwest Energy Efficiency Alliance (Lead: <i>Alison Lindburg</i> , Midwest Energy Efficiency Alliance) |
| | <i>Integrating Resilience into Sustainability Programs Guidelines and Tools</i> <i>Elizabeth Kutschke</i> , Center for Sustainable Building Research | | <i>Decarbonization in Climate Resilience Planning</i> <i>Alison Delgado</i> , Pacific Northwest National Laboratory |
| | <i>Designing for Zero Energy and Zero Carbon on a Multi-Building Scale Using URBANopt</i> <i>Zahara Fallahi</i> , University of Colorado, Boulder | | <i>Resilience, Emissions, and Costs of Various Residential Space Heating Technologies</i> <i>Charles Barnhart</i> , Western Washington University |
| SESSION 2 (10:30 am - 12:00 pm) | SESSION 2 (10:30 am - 12:00 pm) | | SESSION 2 (10:30 am - 12:00 pm) |
| Lessons Learned & Best Practices for Resilient Communities | I Get Knocked Down, I Get Up Again: Resilience, Recovery, and Passive Survivability - SESSION TO BE BROADCASTED | | |
| <i>Keeping the Lights On: The Oakland EcoBlock Community Electrification and Microgrid Improves Health, Comfort and Resilience in an Urban Neighborhood</i> <i>Amy Dryden</i> , Association for Energy Affordability | <i>Trials and Tribulations of Valuing Building Energy Resilience</i> <i>Michael Reiner</i> , U.S. Department of Energy | | |
| <i>Set-up for Success: Lessons Learned from Governments in Implementing Effective Clean Energy Programs</i> <i>Amanda Dewey</i> , ACEEE | <i>Weathering the Storm: Microgrid Feasibility Studies for Municipal Applications</i> <i>Maddie Koolbeck</i> , Slipstream | | |
| <i>Costs and Benefits of Energy Efficiency Policies for Existing Buildings</i> <i>David Ribeiro</i> , ACEEE | <i>California Community College Addresses Wildfire Related Outages with Microgrid Demonstration Project</i> <i>Demetra Tzamaras</i> , Center for Sustainable Energy | | |

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| WEDNESDAY, AUGUST 24 | SESSION 1 (8:30 - 10:00 am) | THURSDAY, AUGUST 25 | SESSION 1 (8:30 - 10:00 am) |
| | Accounting for Resilience and Sustainability in Policy | | Delivering Resilience & Its Benefits to Those That Need It Most |
| | <i>Building Codes Driving Climate Mitigation and Adaptation</i> | | <i>Nationally-Distributed Job Creation & Economic Benefits of US Energy Efficiency and Infrastructure Investments</i> |
| | <i>Joseph Sollod, International Code Council</i> | | <i>John "Skip" Laitner, Economic and Human Dimensions Research Associates</i> |
| | <i>New Indices for Sustainability in the Face of Climate Change</i> | | <i>Decarbonizing the Building Sector: A Human-centered Study Focused on Small/light Commercial Building Energy Equity</i> |
| | <i>David Goldstein, Natural Resources Defense Council</i> | | <i>Chrissi Antonopoulos, Pacific Northwest National Laboratory</i> |
| <i>Energy vs. Carbon: Jurisdictions and Utilities Align Metrics</i> | <i>Can Building Electrification Bring Resilience to Low Income Communities?</i> | <i>Heather Rosenberg, ARUP</i> | |
| <i>Rohini Srivastava, ACEEE</i> | | | |
| SESSION 2 (10:30 am - 12:00 pm) | SESSION 2 (10:30 am - 12:00 pm) | | |
| We Are Who We've Been Waiting For: Leading in Small & Rural Communities | The Role of Cities in Resilience and Sustainability | | |
| <i>Building Advanced Energy Communities, One Community At a Time</i> | <i>Tracking City Progress towards International Emissions Targets for the Buildings Sector</i> | | |
| <i>Genaro Bugarin, The Energy Coalition</i> | <i>Alexander Jarrah, ACEEE</i> | | |
| <i>Resilient, Rural, and Revolutionary: Salisbury Square's Direct Current Affordable Microgrid Community</i> | <i>How Denver Passed its Ambitious New Building Performance Standard, and How Your City Can Too</i> | | |
| <i>Peter Schneider, VEIC</i> | <i>Christine Brinker, Southwest Energy Efficiency Project</i> | | |
| <i>Local Government's Role in Community Based Energy Resiliency</i> | | | TBD |
| <i>Cody Coeckelenbergh, ICF</i> | | | |

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| FRIDAY, AUGUST 26 | SESSION 1 (8:30 - 10:00 am) |
| | Making the Technology Work Better for All of Us |
| | <i>Come on Down and Play the Price is Riight! What Do You Bid for Keeping the Lights On?</i> |
| | <i>Presented by: Lauren Robinson, Verdant Associates (Lead Author: Jean Shelton, Verdant Associates)</i> |
| | <i>Controlled Environmental Agriculture: Growing Local Food, Capturing Carbon with Flexible Onsite Power and Advanced Controls</i> |
| | <i>Thomas Bourgeois, Pace University Energy & Climate Center</i> |
| | <i>Towards a More Responsive, Resilient, and Equitable Power System Using the Cable TV Network</i> |
| | <i>Presented by: Alan Meier, Lawrence Berkeley National Laboratory (Lead Author: Sunhee Baik, Lawrence Berkeley National Laboratory)</i> |
| | SESSION 2 (10:30 am - 12:00 pm) |
| | OPEN SESSION |