

PANEL 11: RESILIENT, SUSTAINABLE COMMUNITIES

(Meeting Room: Toyon)

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

	SESSION 1 (8:30 - 10:00 am)		SESSION 1 (8:30 - 10:00 am)
MONDAY, AUGUST 22	Rule #1: Be Prepared	TUESDAY, AUGUST 23	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> Presented by <i>Katherine Cort</i> , Pacific Northwest National Laboratory (Lead: <i>Doug Elliott</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)
	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>Can Building Electrification Bring Resilience to Low Income Communities?</i>
	<i>David Goldstein, Natural Resources Defense Council</i>		<i>Heather Rosenberg, ARUP</i>
	<i>Energy vs. Carbon: Jurisdictions and Utilities Align Metrics</i>		<i>Decarbonizing the Building Sector: A Human-centered Study Focused on Small/light Commercial Building Energy Equity</i>
	<i>Presented by Kate Hickcox, Pacific Northwest National Laboratory (Lead: Chrissi Antonopoulos, Pacific Northwest National Laboratory)</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