## Panel 11: Resilient, Sustainable Communities

**Panel Leaders: Eliza Hotchkiss & Madeline Salzman**

### SESSION 1 (8:30 - 10:00 am)

#### Delivering Resilience & Its Benefits to Those That Need It Most

- **Nationally-Distributed Job Creation & Economic Benefits of US Energy Efficiency and Infrastructure Investments**
  - John Laitner, Economic and Human Dimensions Research Associates

- **Decarbonizing the Building Sector: A Human-centered Study Focused on Small/light Commercial Building Energy Equity**
  - Chrissi Antonopoulos, Pacific Northwest National Laboratory

- **Can Building Electrification Bring Resilience to Low Income Communities?**
  - Heather Rosenberg, ARUP

#### Not Your Average Back Up Generator: Resilience Without the Emissions

- **Building Decarbonization Policies in the Midwest**
  - Alison Lindburg, Midwest Energy Efficiency Alliance

- **Decarbonization in Climate Resilience Planning**
  - Alison Delgado, Pacific Northwest National Laboratory

- **Resilience, Emissions, and Costs of Various Residential Space Heating Technologies**
  - Imran Sheikh, Institute for Energy Studies at Western Washington

### SESSION 2 (10:30 am - 12:00 pm)

#### Lessons Learned & Best Practices for Resilient Communities

- **Keeping the Lights On: The Oakland EcoBlock Community Electrification and Microgrid Improves Health, Comfort and Resilience in an Urban Neighborhood**
  - Amy Dryden, Association for Energy Affordability

- **Set-up for Success: Lessons Learned from Governments in Implementing Effective Clean Energy Programs**
  - Amanda Dewey, ACEEE

- **Costs and Benefits of Energy Efficiency Policies for Existing Buildings**
  - David Ribeiro, ACEEE

#### I Get Knocked Down, I Get Up Again: Resilience, Recovery, and Passive Survivability

- **Valuing Risky Business: A Novel Approach to Measure Building Energy Resilience Under Extreme Temperature-Power Outage Events**
  - Michael Reiner, U.S. Department of Energy

- **Weathering the Storm: Microgrid Feasibility Studies for Municipal Applications**
  - Maddie Koolbeck, Slipstream

- **California Community College Addresses Wildfire Related Outages with Microgrid Demonstration Project**
  - Demetra Tzamaras, Center for Sustainable Energy

### SESSION 1 (8:30 - 10:00 am)

#### Accounting for Resilience and Sustainability in Policy

- **Building Codes Driving Climate Mitigation and Adaptation**
  - Joseph Sollod, International Code Council

- **New Indices for Sustainability in the Face of Climate Change**
  - David Goldstein, Natural Resources Defense Council

- **Energy vs. Carbon: Jurisdictions and Utilities Align Metrics**
  - Rohini Srivastava, ACEEE

#### Rule #1: Be Prepared

- **Incorporating Climate Change Scenarios into Risk-Informed Resilience Planning**
  - Hannah Rabinowitz, Pacific Northwest National Laboratory

- **Integrating Resilience into Sustainability Programs Guidelines and Tools**
  - Elizabeth Kutschke, Center for Sustainable Building Research

- **Designing for Zero Energy and Zero Carbon on a Multi-Building Scale Using URBANopt**
  - Zahara Fallahi, University of Colorado, Boulder

### SESSION 2 (10:30 am - 12:00 pm)

#### We Are Who We’ve Been Waiting For: Leading in Small & Rural Communities

- **Building Advanced Energy Communities, One Community At a Time**
  - Jenaro Bugarin, The Energy Coalition

- **Resilient, Rural, and Revolutionary: Salisbury Square’s Direct Current Affordable Microgrid Community**
  - Peter Schneider, VEIC

- **Local Government’s Role in Community Based Energy Resiliency**
  - Cody Coeckelenbergh, Lincus Inc

#### The Role of Cities in Resilience and Sustainability

- **Tracking City Progress towards International Emissions Targets for the Buildings Sector**
  - Alexander Jarrah, ACEEE

- **The Assessment of the Results of Covenant of Mayors for Climate and Energy Initiative**
  - Paolo Bertoldi, European Commission

- **How Denver Passed its Ambitious New Building Performance Standard, and How Your City Can Too**
  - Christine Brinker, Southwest Energy Efficiency Project

### MONDAY, AUGUST 22

- **SESSION 1 (8:30 - 10:00 am)**
  - Delivering Resilience & Its Benefits to Those That Need It Most
  - Not Your Average Back Up Generator: Resilience Without the Emissions

- **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

### TUESDAY, AUGUST 23

- **SESSION 1 (8:30 - 10:00 am)**
  - Accounting for Resilience and Sustainability in Policy
  - Rule #1: Be Prepared

- **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

### WEDNESDAY, AUGUST 24

- **SESSION 1 (8:30 - 10:00 am)**
  - Building Advanced Energy Communities, One Community At a Time

- **SESSION 2 (10:30 am - 12:00 pm)**
  - Resilient, Rural, and Revolutionary: Salisbury Square’s Direct Current Affordable Microgrid Community

### THURSDAY, AUGUST 25

- **SESSION 1 (8:30 - 10:00 am)**
  - Local Government’s Role in Community Based Energy Resiliency

- **SESSION 2 (10:30 am - 12:00 pm)**
  - How Denver Passed its Ambitious New Building Performance Standard, and How Your City Can Too
### SESSION 1 (8:30 - 10:00 am)

**Making the Technology Work Better for All of Us**

**Come on Down and Play the Price is Riight! What Do You Bid for Keeping the Lights On?**
Jean Shelton, Verdant Associates

**Controlled Environmental Agriculture: Growing Local Food, Capturing Carbon with Flexible Onsite Power and Advanced Controls**
Thomas Bourgeois, Pace University Energy & Climate Center

**Towards a More Responsive, Resilient, and Equitable Power System Using the Cable TV Network**
Sunhee Baik, Lawrence Berkeley National Laboratory

### SESSION 2 (10:30 am - 12:00 pm)

**OPEN SESSION**