

PANEL 10: NEW CONSTRUCTION FROM CODES TO NET ZERO

(Meeting Room: Marlin)

Panel Leaders: Rob Salcido and Scott Hackel

MONDAY, AUGUST 22	SESSION 1 (8:30 am - 10:00 am)	TUESDAY, AUGUST 23	SESSION 1 (8:30 am - 10:00 am) - SESSION TO BE BROADCASTED
	Compliance is Key to Impact		Manufacturing Our Way to Zero Zero with Industrialized Construction
	<i>Energy Performance of New Low-Rise Multifamily Buildings in the United States</i>		<i>Accelerating Optimal Integration of Energy Efficiency Strategies with Industrialized Modular Construction</i>
	<i>Robert Davis, Ecotope, Inc.</i>		<i>Shanti Pless, National Renewable Energy Laboratory</i>
	<i>Compliance in the Cornhusker State: Nebraska's Energy Code Support Program</i>		<i>Lessons Learned on the Journey to Bring Zero Energy Modular to Scale</i>
	<i>Karin Gredvig, Midwest Energy Efficiency Alliance</i>		<i>Alison Donovan, VEIC</i>
	<i>Delineate the Implementation of Residential Building Energy Codes in India</i>		<i>Off-site Construction in an On-site regulatory world: Streamlining the Path to Decarbonized Homes</i>
	<i>Shatakshi Suman, Alliance for an Energy Efficient Economy</i>		<i>Ian Blanding, Pacific Northwest National Laboratory</i>
SESSION 2 (10:30 am - 12:00 pm)	SESSION 2 (10:30 am - 12:00 pm)		
The Electric Transition: Examining Impacts as We Move toward Electrified Homes	The Present Reality and Future Hopes for Zero Carbon Buildings		
<i>Turning the Wrenches of Beneficial Electrification: Understanding HVAC Contractor Decision-Making</i>	<i>Convincing Clients to Make Zero a Reality--Views from the Design and Construction Community</i>		
<i>Joe Van Clock, Apex Analytics, Inc.</i>	<i>Julia Sullivan, National Renewable Energy Laboratory</i>		
<i>How Low Can You (Economically) Go? Finding the Least-Cost Path to Net Zero New Homes</i>	<i>The Present and Future of Decarbonizing through Electrification in Commercial Buildings in the Midwest</i>		
<i>Brian Greenfield, Eversource</i>	<i>Scott Hackel, Slipstream</i>		
<i>Estimating Energy and Greenhouse Gas Impacts in All-Electric Residential New Construction</i>	<i>Driving Decarbonization with Codes</i>		
<i>Collin Elliott, Verdant Associates</i>	<i>Sean Denniston, New Buildings Institute</i>		

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WEDNESDAY, AUGUST 24	SESSION 1 (8:30 am - 10:00 am)	THURSDAY, AUGUST 25	SESSION 1 (8:30 am - 10:00 am)
	Equity in New Construction		New Approaches for New Housing
	<i>Sharing What's Already Shared – Findings from Common Spaces in Multifamily Buildings</i> Jenny Hughes, Evergreen Economics		<i>Benefits of Passive Houses to the California Electric Grid</i> Kessie Aseivkova, Opinion Dynamics Corporation
	<i>Falling Short: Does Energy Code Compliance and Enforcement Vary by Income?</i> Chitra Nambiar, Pacific Northwest National Laboratory		<i>Advanced Energy-Efficient and Fire-Resistive Envelope Systems Utilizing Vacuum Insulation for Manufactured Homes</i> Kaushik Biswas, Gas Technology Institute
	<i>Scaling Up Passive House New Construction Multifamily: The Massachusetts Story</i> Presented by Kristen Simmons, ICF (Lead: Beverly Craig, Massachusetts Clean Energy Center)		<i>Prescriptive Approach for Achieving Energy Efficiency in India's Upcoming Housing</i> Dharini Sridharan, Alliance for an Energy Efficient Economy
	SESSION 2 (10:30 am - 12:00 pm)		SESSION 2 (10:30 am - 12:00 pm)
	Manufactured or Modularized Homes of the Future		Looking Forward: Pondering the Next Generation of Codes, Act 1
	<i>Cost-effective HVAC Improvements in New Manufactured Homes</i> David Chasar, FSEC Energy Research Center		<i>Cracking the Code to EV Readiness in New Buildings</i> Peter Banwell, EPA Energy Star Program
<i>A Scalable Method for Decarbonizing Modular Building Solutions</i> Zoe Kaufman, National Renewable Energy Laboratory	<i>Embodied Carbon Building Codes: Are We Ready?</i> Nora Efram, ACEEE		
<i>Affordable, All-electric Cold Climate Homes: a Look Inside the Winning 2021 Solar Decathlon Build Challenge House</i> Presented by: Kristen Taddonio, University of Colorado, Boulder (Lead Author: Jennifer Scheib, University of Colorado, Boulder)	<i>Deemed Measure to Codes and Standards: A Timeless Idea that Deserves a Fresh Look</i> Bryan Boyce, Energy Solutions		

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FRIDAY, AUGUST 26	SESSION 1 (8:30 am - 10:00 am)
	Looking Forward: Pondering the Next Generation of Codes, Act 2
	<i>DOE's Zero Energy Ready Home Program: Getting Builders from Code to Net Zero and Beyond</i>
	<i>Theresa Gilbride, Pacific Northwest National Laboratory</i>
	<i>Future of California Energy Code: Where Do We Go After 2022?</i>
	<i>Rahul Athalye, NORESCO</i>
	<i>Tradeoff Analysis - Envelope vs Equipment and Renewable Energy Generation</i>
	<i>Rob Salcido, Pacific Northwest National Laboratory</i>
	SESSION 2 (10:30 am - 12:00 pm)
	OPEN SESSION