



# ELECTRIFICATION 2021 – Agenda Overview

## Building to Zero | May 17-20, 2021

 Breakout Sessions

 Incubatenergy® Spotlight

 Fireside Chats

 Birds of a Feather Discussion Rooms

**Note:** All times are Pacific Daylight Time.

TIME	MONDAY, MAY 17	TUESDAY, MAY 18	WEDNESDAY, MAY 19	THURSDAY, MAY 20
8:00 AM - 9:00 AM	<p><b>Breakout Session</b></p> <p><b>Foundations of Building to Zero</b></p> <p>Rapidly achieving significant levels of building decarbonization will require focused attention on every element of building design and building systems, with an eye toward cost-effective, rapid deployment in both new and retrofit settings and in all communities.</p>	<p><b>Breakout Session</b></p> <p><b>Heat on the Move</b></p> <p>Heat pumps and other thermal technologies will drive worldwide decarbonization through improvements in efficiency and performance via incorporation of new refrigerants, greater intelligence and control, and reduced costs — but only if numerous market transformation barriers are addressed.</p>	<p><b>Breakout Session</b></p> <p><b>Dine In or Take Out — Future of the Electric Kitchen</b></p> <p>In an industry grappling with unprecedented change, the electrification of commercial kitchens has made steady progress as restaurants and chefs have prioritized greater productivity, lower costs and superior working conditions. Learn about the design and technologies of the electric kitchen ... coming soon to a restaurant near you!</p>	<p><b>Breakout Session</b></p> <p><b>Net-Zero Cities — Actionable Approaches to Getting to Zero</b></p> <p>Cities are leading worldwide decarbonization efforts — yet the scale and complexity of eliminating greenhouse gas emissions in even a single city are daunting. Join a crucial discussion on how cities are developing their plans and putting them into practice.</p>
Break				
9:30 AM - 10:30 AM	<p><b>Fireside Chats</b></p> <p><b>Smart and Flexible Buildings</b></p> <p>Connectivity and flexibility are essential to ensuring that we can decarbonize buildings and communities quickly and safely, while making the best use of the electric grid both today and tomorrow.</p>	<p><b>Breakout Session</b></p> <p><b>Heat Pumps vs. the Polar Vortex</b></p> <p>Heat pumps may save the world — but only if they can handle the harshest and coldest challenges reliably and affordably, while serving as an asset to the electric system during the most difficult of times. Explore the technology developments that will tackle this last frigid frontier.</p>	<p><b>Fireside Chats</b></p> <p><b>Electric Kitchens</b></p> <p>Welcome to the kitchen of the future from the perspective of a chef and a kitchen designer. Join two dynamic fireside chats to understand the challenges and benefits of electric kitchens.</p>	<p><b>Breakout Session</b></p> <p><b>Electrification — Accelerating Adoption via Financial Innovation</b></p> <p>The best decarbonization solutions will have an even greater impact if they are more affordable and more accessible to the customer. Explore the benefits of innovative financing and solutions for harder-to-reach customers and communities.</p>
Break				

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TIME	MONDAY, MAY 17	TUESDAY, MAY 18	WEDNESDAY, MAY 19	THURSDAY, MAY 20
11:00 AM - 12:00 PM	<p><b>Breakout Session</b></p> <p><b>The Art and Science of Connected Communities</b></p> <p>Your connected community could be smarter — but think of the possibilities if it was easier. Discuss practical approaches to enable connected communities to deliver grid and customer-friendly decarbonization.</p>	<p><b>Incubatenergy® Spotlight</b></p> <p><b>Frontiers in Space Conditioning</b></p> <p>It's no surprise that the low-hanging fruit of buildings' efficiency lives in space conditioning. Hear from some of the startup companies breaking new ground in this area, and learn about the outcomes of their accelerated projects with leading utilities.</p>	<p><b>Breakout Session</b></p> <p><b>Low-Carbon Nutrition — Perennial Food Production for Local Economies</b></p> <p>Indoor agriculture reduces the use of fossil fuels in planting, tending, harvesting and distributing produce in the community that needs it — regardless of the season. Using innovative design and modern technologies to localize food production can reduce greenhouse gas emissions, water consumption and food waste while helping to build a stronger local economy.</p>	<p><b>Incubatenergy® Spotlight</b></p> <p><b>Accelerating Net-Zero to Market</b></p> <p>The market is bustling for net-zero energy solutions. Hear from some of the hottest startup companies making an impact through EPRI's Incubatenergy Labs program, and learn about how they've been able to scale their solutions with utilities across the country.</p>
Break				
12:30 PM - 1:30 PM	<p><b>Breakout Session</b></p> <p><b>No Customer Left Behind — Solving for Affordability</b></p> <p>An equitable clean energy transition must ensure that residents and communities do not fall behind or carry the burdens of societal decarbonization. At the heart of this challenge are technologies, programs and other approaches to deliver both low-carbon and low-cost solutions.</p>	<p><b>Breakout Session</b></p> <p><b>The Air We Breathe — Addressing Indoor Air Quality</b></p> <p>Society has likely never before been more focused on the air quality and health of our indoor spaces. Whether by the direct application of electric disinfection methods to disable harmful pathogens, or the adoption of electric appliances to eliminate indoor combustion, new products and technology will lead to healthier work and living spaces.</p>	<p><b>Breakout Session</b></p> <p><b>Indoor Agriculture and Your Community</b></p> <p>When technology can deliver year-round, locally grown and harvested produce, what can this accomplish in your community? Learn how our panelists are using indoor agriculture to support the underserved — through community engagement, job creation, education and training, redevelopment, and — above all — fresh, nutritious food.</p>	<p><b>Breakout Session</b></p> <p><b>Electrifying Tall Buildings ... in a Single Bound?</b></p> <p>Tall buildings are a large part of the worldwide urbanization trend for many reasons, including lack of real estate. Today's technology allows us to decarbonize all buildings via electrification — but it's not happening fast enough. What are the challenges, opportunities and solutions for new construction and for the existing stock?</p>
Break				Forum Concludes

<p>1:45 PM - 2:30 PM</p>	<p><b>Birds of a Feather Discussion Rooms</b></p> <p><b>Session #1: The Role of Smart in Building to Zero</b> How efforts in developing smart devices, systems and communities can actually be relied upon as flexible resources and tools to build to zero.</p> <p><b>Session #2: Building Decarbonization in the Real World</b> Come and share your favorite practical, scalable, building decarbonization solutions ... for a net-zero world.</p>	<p><b>Birds of a Feather Discussion Rooms</b></p> <p><b>Session #1: Heat Pumps vs. the World</b> Give us your best ideas on how heat pumps will overcome challenges like cost, cold-weather performance and customer perception to become a dominant global decarbonization technology.</p> <p><b>Session #2: Connecting Customers to Affordability</b> The most innovative programs, business models, and financial tools will only succeed if they can reach the customers, communities, and businesses they were designed for.</p>	<p><b>Birds of a Feather Discussion Rooms</b></p> <p><b>Session #1: Weighing in on the Electric Kitchen</b> Whether you're a professional or amateur chef, at home or in a restaurant, join an active discussion of practical approaches to electrifying cooking.</p> <p><b>Session #2: Understanding the Community Benefits of Indoor Agriculture</b> Join our experts in a lively discussion on different ways indoor agriculture will impact our communities and how to cultivate the benefits of this rapidly evolving technology.</p>	
	<p>Day Concludes</p>	<p>Day Concludes</p>	<p>Day Concludes</p>	