



CEC / EPRI 2025 Electrification Summit
Healthy Buildings, Clean Industry and Empowered Communities

March 11-12, 2025
CA Natural Resources Agency Headquarters
715 P Street, Sacramento, CA 95814

Tuesday, March 11, 2025

8:00–9:00 AM	Registration
9:00–9:40 AM	<p>Welcoming Remarks <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p> <ul style="list-style-type: none"> • Andrew McAllister, Commissioner, CEC • David Porter, Vice President, EPRI
9:40–10:10 AM	<p>Plenary 1: Fireside Chat—California’s Vision for Healthy Buildings, Clean Industry and Empowered Communities <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p> <p>Heads of California’s primary agencies responsible for buildings and industrial decarbonization will open the summit by sharing a vision of the state’s concerted commitment to equity and reducing greenhouse gas emissions and other pollutants.</p> <ul style="list-style-type: none"> • David Hochschild, Chair, CEC • Liane Randolph, Chair, CARB • Alice Reynolds, President, CPUC
10:10–11:00 AM	<p>Plenary 2: Local Government Electrification Leadership <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p> <p>Local government in California is at the forefront of devising building decarbonization solutions that support the state’s climate goals. In this plenary, local government leaders will discuss novel building decarbonization policy pathways under consideration.</p> <p>Moderator: Nancy Skinner, Commissioner, CEC</p> <ul style="list-style-type: none"> • Adam Loraine, Councilmember, City of San Mateo • Tom Pace, Director of Community Development, City of Sacramento • Nancy Sutley, Deputy Mayor, City of Los Angeles
11:00–11:10 AM	Break



Tuesday, March 11, 2025

11:10–12:00 PM	<p>Plenary 3: Building for Resilience <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p> <p>Recent devastating fires in Southern California are a reminder of the worsening impacts of climate change. Government and utility officials will discuss experience from past fires and current efforts to plan for recovery and how to build back resiliently.</p> <p>Moderator: Andrew McAllister, Commissioner, CEC</p> <ul style="list-style-type: none">• Caroline Choi, Executive Vice President, Corporate Affairs and Public Policy, Edison International and Southern California Edison• David Jacot, Director of Distributed Energy Solutions, LA DWP• Minh Le, General Manager, Energy and Environmental Services, County of Los Angeles• Zac Swank, Deputy Director, Office of Sustainability, Boulder County, Colorado
12:00–1:00 PM	<p>Lunch and Technology Showcase <i>Lobby</i></p>
1:00–1:50 PM	<p>Concurrent Session A: Data-driven Building Decarbonization Policy <i>Auditorium (First Floor)</i></p> <p>Experts in the field discuss ongoing progress in leveraging smart meter and other data sources to maximize the benefits of building decarbonization interventions and track the state's progress towards its goal to install 6 million heat pumps by 2030.</p> <p>Moderator: Jason Harville, Director, Energy Data and Analytics Office, CEC</p> <ul style="list-style-type: none">• Tom Hoff, Founder, Clean Power Research• Teddy Kisch, Senior Fellow, Energy Solutions• Siva Sankaranarayanan, Principle Technical Leader, EPRI• Alex Thornton, Executive Director, Linux Foundation Energy
1:00–1:50 PM	<p>Concurrent Session B: Heat Pumps in Industry <i>Room 221 (Second Floor)</i></p> <p>Heat pumps will be an important component of industrial decarbonization in addition to decarbonizing buildings. This session will explore the current state of deployment of industrial heat pumps in California to decarbonize low heat industrial processes.</p> <p>Moderator: Doug Lindsey, Program Manager for Electrification, EPRI</p> <ul style="list-style-type: none">• German Robledo, North America Heat Pump Sales Manager, GEA• Tara Schuelke, PMO Manager, Hilmar Cheese Co.• Richard Hart, Industry Director, ACEEE
1:50–2:00 PM	Break



Tuesday, March 11, 2025

2:00–2:50 PM	<p>Concurrent Session C: Decarbonizing Big Buildings <i>Auditorium (First Floor)</i></p> <p>This session will focus on the decarbonization of large and tall buildings, bringing together leaders from government, private sector and academia to share strategies and innovations. Participants will discuss barriers to electrification such as infrastructure challenges, funding and technology adoption while exploring new strategies to overcome these barriers.</p> <p>Moderator: Cliff Majersik, Institute of Market Transformation</p> <ul style="list-style-type: none">• Brenden Millstein, President, Carbon Lighthouse• Lindsey Rowell, Chief Sustainability Officer, CSU• Walt Vernon, CEO, Mazzetti• Jason Wexler, Senior VP, Gradient
2:00–2:50 PM	<p>Concurrent Session D: Health Benefits of Building Decarbonization <i>Room 221 (Second Floor)</i></p> <p>Research indicates that the health and climate benefits associated with building electrification are substantial and may outweigh the upfront costs. This panel will discuss research at the interface of air quality-related health, equity, and energy and the impacts and challenges of residential electrification at household and community levels.</p> <p>Moderator: Dr. Yannai Kashtan, Air Quality Scientist, PSE Healthy Energy</p> <ul style="list-style-type: none">• Amy Dryden, Director of Strategic Innovation, Association for Energy Affordability• Laura Røtzler Holm, Global Advisor, Danish Energy Agency• Mayte Sanchez, Senior Energy Director, Los Angeles Cleantech Incubator• Dr. Stephanie Shaw, Technical Executive, Electric Power Research Institute
2:50–3:00 PM	Break
3:00–3:50 PM	<p>Plenary 4: Industrial Decarbonization <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p> <p>Industry is a vital but difficult to decarbonize component of our built environment. This plenary will focus on the challenges to implementing industrial decarbonization and will identify new and upcoming opportunities for industrial decarbonization enabled through new technology.</p> <p>Moderator: Richard Hart, Industry Director, ACEEE</p> <ul style="list-style-type: none">• Ammi Amarnath, Principal Technical Executive, EPRI• Chris Bataille, Adjunct Research Fellow, Center on Global Energy Policy at Columbia University• Arun Gupta, CEO, Skyven Technologies• Parker Wells, CEO, Element 16
3:50–4:00 PM	<p>Closing Remarks <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i> Andrew McAllister, Commissioner, CEC</p>
4:00–5:00 PM	<p>Reception <i>Lobby</i></p>



Wednesday, March 12, 2025

8:00–9:00 AM	Registration
9:00–9:15 AM	Welcoming Remarks <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i> <ul style="list-style-type: none">• Andrew McAllister, Commissioner, CEC• Lindsey Horvath, Supervisor, Los Angeles County
9:15–9:50 AM	Keynote Addresses <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i> <ul style="list-style-type: none">• Patricia Poppe, CEO, PG&E• Paul Lau, CEO, SMUD• Steve Powell, President and CEO, Southern California Edison
9:50–10:40 AM	Plenary 1: Equity and Affordability <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i> <p>California is focusing its investments in building decarbonization in justice communities through the Equitable Building Decarbonization, HEEHRA and other programs. Leaders will discuss the implementation of these efforts with a focus on affordability for all Californians.</p> <p>Moderator: Darcie Houck, Commissioner, CPUC</p> <ul style="list-style-type: none">• Mariana Alvarenga, Climate Policy Coordinator, Leadership Counsel• Andy Brooks, Director of West Coast Operations, AEA• Rachel Golden, Senior Principal, RMI• Lujana Medina, Environmental Initiatives Division Manager, LA County• Kara Saul Rinaldi, President, AnnDyl Policy Group
10:40–10:50 AM	Break



Wednesday, March 12, 2025

<p>10:50–11:40 AM</p>	<p>Plenary 2: Achieving Sustained Market Transformation <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p> <p>While direct install program will be essential for California's neediest, capital markets must be brought to bear to scale the transformation of California's buildings needed to achieve the state's climate goals. In this plenary, panelists will discuss how the decarbonization of California's buildings can be made self-sustaining through increased deployment of finance tools, paired with reductions in upfront and operating costs.</p> <p>Moderator: Deana Carrillo, Director, Reliability, Renewable Energy and Decarbonization Incentives (RREDI) Division, CEC</p> <ul style="list-style-type: none"> • Panama Bartholomy, Director, Building Decarbonization Coalition • Sasha Kergan, Deputy Secretary, CA Business, Consumer Services and Housing Agency • Bert Hunter, Chief Investment Officer, Connecticut Green Bank and Inclusive Prosperity Capital • Khaim Morton, Deputy Treasurer, California State Treasurer's Office
<p>11:40–1:00 PM</p>	<p>Lunch and Technology Showcase</p>
<p>1:00–1:50 PM</p>	<p>Concurrent Session A: Accelerating Deployment of Low-GWP Refrigerants <i>Auditorium (First Floor)</i></p> <p>This session will explore the current state of deploying refrigerants with Low Global Warming potential in heat pumps to ensure that building electrification achieves its intended GHG reduction effects.</p> <p>Moderator: Xudong Wang, Vice President of Research, AHRI</p> <ul style="list-style-type: none"> • Jerine Ahmed, Senior Engineer, SCE • Kashif Nawaz, Section Head - Building Technologies Research, Oak Ridge National Lab • Scott Spielman, Research Engineer, Ecotope • Helen Walter-Terrinoni, Director - Global Climate Policy, Trane
<p>1:00–1:50 PM</p>	<p>Concurrent Session B: Load Flexibility <i>Room 221 (Second Floor)</i></p> <p>This session will explore the current state of play in deploying load flexibility technology and programs to ensure the benefits of electrification are maximized.</p> <p>Moderator: Siva Gunda, Vice Chair, CEC</p> <ul style="list-style-type: none"> • Doug Poffinbarger, Director of Commercial Operations, Nostromo • Geof Syphers, CEO, Sonoma Clean Power • Arch Rao, Founder and CEO, Span • Chanel Parson, Director, Southern California Edison • Amber Mahone, Manager Partner, E3 – a Willdan company



Wednesday, March 12, 2025

1:50–2:00 PM	Break
2:00–2:50 PM	<p>Concurrent Session C: California Heat Pump Partnership <i>Auditorium (First Floor)</i></p> <p>The California Heat Pump Partnership (CAHPP) is a groundbreaking alliance that brings together leaders in the public and private sectors to rapidly scale California’s heat pump market. This panel will highlight the CAHPP’s initiatives, including an upcoming marketing campaign, workforce engagement, and other strategies to overcome heat pump adoption barriers. CAHPP advisory board members will showcase the partnership’s plans to advance building decarbonization through innovative approaches to promote heat pump adoption among both contractors and consumers.</p> <p>Moderator: Terra Weeks, Director, CA Heat Pump Partnership, Building Decarbonization Coalition</p> <ul style="list-style-type: none">• Michael Backstrom, Senior Vice President, Regulatory Affairs, Southern California Edison• Dave Calabrese, Senior Vice President, Daikin• Chris Day, Vice President, Product Strategy and Channel Marketing, Rheem• Helen Walter-Terrinoni, Director, Global Policy & Advocacy, Trane Technologies
2:00–2:50 PM	<p>Concurrent Session D: Decarbonizing Heavy Industry <i>Room 221 (Second Floor)</i></p> <p>This session will showcase California’s leadership to decarbonize heavy industry. Experts from high-temperature process industries such as cement and steel will discuss their experiences and solutions to decarbonize facilities within California.</p> <p>Moderator: Mark Sippola, Climate Change Program Branch Chief, CARB</p> <ul style="list-style-type: none">• Joshua Allen, Principal Chemical Engineer, Brimstone• Jon Dearing, VP of Strategy and Public Affairs, National Cement• Mark Olson, VP of Mill Operations, Pacific Steel
2:50–3:30 PM	Break



Wednesday, March 12, 2025

3:30–4:20 PM	<p>Plenary 3: Workforce Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</p> <p>Achieving the state's decarbonization goals will require a highly trained workforce. This plenary will explore on the ground successes in training and deploying the clean energy workforce of the future.</p> <p>Moderator: Adriana Cruz, Interagency Climate-Workforce Policy Specialist Statewide Partnerships, California Workforce Development Board</p> <ul style="list-style-type: none">• Julia Hatton, President and CEO, Rising Sun Center for Opportunity• Junuen-Mariah Ruiz, Rising Sun Graduate and Sheet Metal Workers' Local 104 Apprentice• Chris Ruch, Codes & Standards Representative, SMART, Sheet Metal Workers' Local Union No. 104• Denis Mahoney, Operations Manager, Downing Heating, Inc.• Henry Nutt III, Preconstruction Executive, Southland Industries
4:20—4:30 PM	<p>Closing Remarks <i>Auditorium (First Floor), Simulcast in Room 221 (Second Floor)</i></p>