

Hot Air and Hot Water Forums

Schedule at a Glance – Tentative

Hot Air Forum, March 24–25 | Hot Water Forum, March 25–26
Renaissance Phoenix Downtown Hotel



Monday, March 23 | Pre-Forum Events

2:00–4:00pm	Offsite Tour: Visit the Southwest Building Science Training Center
<i>Sign up for the tour when you register. Cost: \$50. Capacity: 14 attendees.</i>	
5:30–7:00pm	Group dinners and first-timers' orientation
<i>More information coming soon.</i>	

Tuesday, March 24 | Hot Air Forum

7:00am–7:00pm	Registration			
7:30–8:15am	Breakfast			
8:20 – 8:50am	Welcome & Introductions			
9:00–10:30am	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	1A. Fitting the Space: Advances and Challenges in Room and Micro Heat Pump Deployment	1B. Reporting from the Field: Residential Dual-Fuel Heating Part I	1C. Advancing Heat Pump Technology: New Horizons in Cold-Climate Applications - Part I	1D. New Insights into Rooftop Unit Performance and Efficiency Opportunities
10:30–11:00am	Networking Break			
11:00–12:30pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	2A. Data-Driven Strategies for Sizing and Installing High-Efficiency HVAC Systems	2B. Reporting from the Field: Residential Dual-Fuel Heating Part II	2C. Advancing Heat Pump Technology: New Horizons in Cold-Climate Applications - Part II	2D. Connected Commissioning: From Rooftops to Residences
12:30–1:30pm	Networking Lunch			

	Concurrent Sessions			
	Track A	Track B	Track C	Track D
1:30–3:00pm	3A. New Approaches to Tackling Heat Pump Barriers	3B. Peak Performance: Flexing Loads and Pumping Up Comfort in an Electrified Future	3C. Affordability through Innovation in Financing and Program Design	3D. Refrigerant Landscape Overview: State of the Alternatives, Low-GWP Market Readiness, and Rollbacks?
3:00–3:30pm	Networking Break			
	Concurrent Sessions			
	Workshops (<i>Open to Hot Air and Hot Water Participants</i>)			Breakout Session
	Track A	Track B	Track C	Track D
3:30–5:00pm	4A. Midstream in Motion: A Supply-Chain Problem-Solving Workshop	4B. The Ideal Controller: Functionalities Needed for Efficient System Operation	4C. Shifting Landscapes—Regulatory Uncertainty Across Jurisdictions	4D. Commercial Building Electrification—New Approaches to Load and Flex
5:00–6:00pm	Fireside Discussion			
6:00–7:00pm	Reception			

Wednesday, March 25 | Hot Air & Hot Water Forum (Combo Day)

7:30am–7:00pm	Registration			
8:00–9:00am	Breakfast			
9:00–10:30am	Welcome, Introductions, and Plenary Panel: Load Growth, Affordability and impacts of Space and Water Heating			
10:30–11:00am	Networking Break			
	Concurrent Sessions			
	Track A	Track B	Track C	Track D
11:00–12:30pm	5A. Low-Income Multifamily: Practical HPWH Retrofits for Cold Climates and Combined Space and Water Heating Loads	5B. Market Drivers and Shifts: Getting HPWHs into Houses	5C. Post-Installation Performance	5D. Hydronic Heat Pumps: Bye-Bye Boiler or Boiler as Backup?
12:30–1:30pm	Networking Lunch			

	Concurrent Sessions			
	Track A	Track B	Track C	Track D
1:30–3:00pm	6A. Design and Financial Strategies for Affordability	6B. Winning Strategies to Engage Homeowners, Building Owners, and Installers	6C. Refrigerants: From Lifecycle Management to the Next Generation	6D. Combination HVAC/DHW Systems
3:00–3:30pm	Networking Break			
	Concurrent Sessions			
	Track A	Track B	Track C	Track D
3:30–5:00pm	7A. Eliminating Barriers to Residential Electrification Retrofits	7B. Rate Design Strategies for Affordable Electrification	7C. Credentials, Licensing Pathways, and Contractor Business Models that Work	7D. Thermal Energy Storage
5:00–7:00pm	Shameless Commerce & Reception			

Thursday, March 26 | Hot Water Forum

7:00am–4:00pm	Registration			
8:00–9:00am	Breakfast			
	Concurrent Sessions			
	Track A	Track B	Track C	Track D
9:00–10:30am	8A. Measured Performance of Consumer HPWHs	8B. Accelerating HPWH Adoption: Innovation, Advanced Metrics and HVAC Integration for Multifamily Housing	8C. The Evolution of Distribution: Part I - Pumps	8D. Taking Load Shifting to the Next Level — Advanced Load Up, Conformance, and Scaling from Pilots to Programs
10:30–11:00am	Networking Break			
	Concurrent Sessions			
	Track A	Track B	Track C	Track D
11:00–12:30pm	9A. 120 V Water Heaters	9B. CHPWHs Part I: The Future of Commercial Heat Pump Water Heaters: Water Use, System Metrics, and Design Guides	9C. It's All About the Volume!	9D. Optimized Controls for Consumer HPWHs
12:30–1:30pm	Networking Lunch			

	Concurrent Sessions			
	Track A	Track B	Track C	Track D
1:30–3:00pm	10A. Laboratory, Field, and Modeling Results for Gas Absorption and Electric Heat Pump Water Heaters	10B. Central Heat Pump Water Heaters Part II: Field Performance of Central Heat Pump Water Heaters for Multi-Family	10C. Food Service: HP Performance Testing in the Laboratory to Support Sizing and Optimizing COP in Cafes, Fast Food and Sit-Down Restaurants	10D. Emerging Paradigm or Just a Phase? Phase Change Materials for Hot Water
3:00–3:30pm	Networking Break			
	Concurrent Sessions			
	Track A	Track B	Track C	Track D
3:30–5:00pm	11A. Dual Fuel Systems	11B. Central Heat Pump Water Heaters Part III: Balancing Standardization and design Innovation to Advance the Commercial HPWH Market	11C. Food Service: HP Field Demonstration and Sizing	11D. Workshop--- Meeting Customers Where They Are: Retail and DIY