

# 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

2:00–5:00pm	<b>Off-site tour (TBD)</b>
5:30–7:00pm	<b>First-timers' orientation and group dinners</b>

### Tuesday, March 24 | Hot Air Forum

7:00am–7:00pm	<b>Registration</b>			
7:30–8:15am	<b>Breakfast</b>			
8:20 – 8:50am	<b>Welcome &amp; Introductions</b>			
9:00–10:30am	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	1A. Data-Driven Strategies for Sizing and Installing High-Efficiency HVAC Systems	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 Part I
10:30–11:00am	<b>Networking Break</b>			
11:00–12:30pm	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	2A. TBD	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. New Insights into Rooftop Unit Performance and Efficiency Opportunities Part II
12:30–1:30pm	<b>Networking Lunch</b>			

	Concurrent Sessions			
	Track A	Track B	Track C	Track D
1:30–3:00pm	3A. Fitting the Space: Advances and Challenges in Room and Micro Heat Pump Deployment	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: Low-GWP Market Readiness, Rollbacks, and State of the Alternatives
3:00–3:30pm	Networking Break			
Workshops (Open to Hot Air and Hot Water Participants)				
	Track A	Track B	Track C	Track D
3:30–5:00pm	4A. Meeting Customers Where They Are: Retail and DIY	4B. The Ideal Controller: Functionalities Needed for Efficient System Operation	4C. Shifting Landscapes: Regulatory Uncertainty across Jurisdictions	4D. Targeting the Mid-Stream
5:00–6:30pm	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. Decarbonizing 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. Air-to-Water Heat Pumps
12:30–1:30pm	Networking Lunch			

1:30–3:00pm	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	6A. Design and Financial Strategies for Affordability	6B. New Strategies for Homeowner and Installer Engagement	6C. Refrigerants: from Lifecycle Management to the Next Generation	6D. Combination Systems for Heat and Domestic Hot Water
3:00–3:30pm	<b>Networking Break</b>			
3:30–5:00pm	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	7A. Eliminating Barriers to Residential Electrification Retrofits	7B. Rate Design Strategies for Affordable Electrification	7C. Building the Clean Energy Workforce: Credentials, Licensing Pathways, and Contractor Business Models that Drive Market Transformation	7D. Thermal Energy Storage
5:00–7:00pm	<b>Shameless Commerce &amp; Reception</b>			

<b>Thursday, March 26   Hot Water Forum</b>				
7:00am–4:00pm	<b>Registration</b>			
8:00–9:00am	<b>Breakfast</b>			
9:00–10:30am	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	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	<b>Networking Break</b>			
11:00–12:30pm	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	9A. Water Quality and Safety	9B. 120V Water Heaters	9C. The Evolution of Distribution: Part II- Pipes	9D. Optimized Controls for Consumer HPWHs

12:30–1:30pm	<b>Networking Lunch</b>			
1:30–3:00pm	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	10A. Gas HPs: Applications and Results	10B. CHPWHs Part I: The Future of Commercial Heat Pump Water Heaters: Water Use, System Metrics, and Design Guides	10C. Food Service: HP Field Demonstration and Sizing	10D. Emerging Paradigm or Just a Phase? Phase Change Materials for Hot Water
3:00–3:30pm	<b>Networking Break</b>			
3:30–5:00pm	<b>Concurrent Sessions</b>			
	<b>Track A</b>	<b>Track B</b>	<b>Track C</b>	<b>Track D</b>
	11A. Dual Fuel Systems	11B. CHPWHs Part II: Field Performance of Central Heat Pump Water Heaters for Multifamily	11C. Food Service: HP Performance Testing in the Laboratory to Support Sizing, COP, and Load Shifting Research	11D. TBD

*End of Forums – Thank you for attending!*