

2023 HOT AIR FORUM (HAF) AND HOT WATER FORUM (HWF) – March 7-9

Draft Schedule-at-a-Glance

Tuesday, March 7 – Hot Air Forum <i>New!!!</i>			
7:00 am – 7:00 pm	Registration		
8:00 am – 9:00 am	Breakfast		
9:00 – 10:30 am	Welcome, Introductions and Plenary		
10:30 – 11:00 am	Networking Break		
	HAF Track Building Types	HAF Track Equipment Types	HAF Track Transformation & Collaboration
11:00 am – 12:00 pm	Decarbonizing Commercial and Industrial	Cold Climate Heat Pumps	Design Strategies for Energy Efficiency and Decarbonization
12:00 – 1:00 pm	Networking Lunch		
1:00 – 2:00 pm	Commercial Boiler Solutions	Cold Climate Heat Pumps U.S. DOE Tech Challenge	Workforce Tools and Programs
2:15 – 3:15 pm	Solutions for Roof-Top Units (RTUs) – small and medium commercial	Variable Speed Heat Pumps (VSHP) Equipment	Market Transformation Adoption and Customer Focus
3:15 – 3:45 pm	Networking Break		
3:45 – 4:45 pm	Heat Pumps in Single Family Homes (Residential Case Studies)	Equipment Sizing	Landscape of Current Collaborations and What's Needed?
5:30 – 7:30 pm	Reception		

Wednesday, March 8 – Hot Air and Hot Water Forum

7:30 am – 6:00 pm	Registration			
8:00 – 9:00 am	Breakfast			
9:00 – 10:30 am	Plenary Panel			
10:30 – 11:00 am	Networking Break			
	HWF Track Flexibility & Climate Considerations	HAF Track Programs & Collaborations	HAF & HWF Combo Track Equity, Workforce, and Policies	HAF & HWF Combo Track Decarbonization Solutions
11:00 am – 12:00 pm	Flexibility and Demand Response State Water Heating Perspective	Utility Programs in the Midwest	Energy Equity & Environmental Justice in Decarbonization	Program – Decarbonization Considerations
12:00 – 1:00 pm	Networking Lunch			
1:00 – 2:00 pm	Reducing Emissions through Policy	State Utility Programs	Legislation and Funding Implications	Residential: Heat and Water Heating Multi- Use Heat Pumps
2:15 – 3:15 pm	High Efficiency Gas Water Heating	Air-to-Water Heat Pumps (AWHP) and Water-Source Heat Pumps (WSHP)	Policies – Codes, Standards, and Testing	Residential - Decarbonization
3:15 – 3:45 pm	Networking Break			
3:45 – 4:45 pm	Global Warming Potential Refrigerants and Green House Gas Reductions	Exploring Collaborations	Workforce	Equipment – Thermal Heat Pumps
5:00 – 6:00 pm	Shameless Commerce			
6:15 – 7:30 pm	Reception			

Thursday, March 9 – Hot Water Forum

7:00 am – 4:00 pm	Registration			
8:00 – 9:00 am	Breakfast			
9:00 – 10:30 am	Plenary Panel			
10:30 – 11:00 am	Networking Break			
	Programs and Market Transformation Track	Hot Water Quality and Design	Innovative Solutions	Case Studies
11:00 am – 12:00 pm	Market Transformation Heat Pump Water Heater Decarbonization	Piping Design	Water Heating Equipment – 120v	Commercial and Public Building Innovations
12:00 – 1:00 pm	Networking Lunch			
1:00 – 2:00 pm	Program Design – Heat Pump Water Heaters	Innovative Research by Forum Experts Part I	Heat Pump Water Heater Ventilation Design	Commercial and Industrial Hot Water
2:15 – 3:15 pm	Flexibility and Demand Response: Heat Pump Water Heater Controls and Costs	Hot Water Design: Water Quality, Design and Innovations Part II	Solar Water Heating Strategies	Multifamily – Equitable and Affordable Water Heating
3:15 – 3:30 pm	Networking Break			
3:30 – 4:30 pm	Multifamily – Hot Water Design Strategies	Hot Water System Design	Innovative Strategies	Multifamily – Design & Installation Heat Pump Water Heaters
<i>End of Forum – Thank you for attending!</i>				