

2023 HOT AIR FORUM

MARCH 7-8, 2023

TUESDAY MORNING (3/7/2023)

Tuesday, March 7 – Hot Air Forum			
7:00 am – 7:00 pm	REGISTRATION		<i>South Foyer</i>
8:00 – 9:00 am	BREAKFAST		<i>Great Room IV-VIII</i>
9:00 – 10:30 am	WELCOME, INTRODUCTIONS AND PLENARY SESSION		<i>Great Room IV-VIII</i>
10:30 – 11:00 am	NETWORKING BREAK		<i>West Deck</i>
Concurrent Sessions			
	Great Room I-III	Shutters East I-II	Shutters West I-II
11:00 am – 12:00 pm	1A. Decarbonizing Commercial and Industrial	1B. Cold Climate Heat Pumps	1C. Design Strategies for Energy Efficiency and Decarbonization
12:00 – 1:00 pm	NETWORKING LUNCH		<i>Great Rooms IV-VIII</i>

2023 HOT AIR FORUM

TUESDAY AFTERNOON (3/7/23)

Concurrent Sessions			
	Great Room I-III	Shutters East I-II	Shutters West I-II
1:00 – 2:00 pm	2A. Commercial Boiler Solutions	2B. Cold Climate Heat Pump Technology Challenge U.S. DOE	2C. Workforce Tools and Programs
2:15 – 3:15 pm	3A. Solutions for Roof-Top Units (RTUs) – Small and Medium Commercial	3B. Variable Speed Heat Pumps (VSHP) Equipment	3C. Market Transformation Adoption and Customer Focus
3:15 – 3:45 pm	NETWORKING BREAK <i>West Deck</i>		
3:45 – 4:45 pm	4A. Heat Pumps in Single Family Homes (Residential Case Studies)	4B. Equipment Sizing	4C. Landscape of Current Collaborations and What's Needed?
5:30 – 7:00 pm	RECEPTION <i>The Gallery</i>		

2023 HOT AIR & HOT WATER FORUM

March 8, 2023

WEDNESDAY MORNING (3/8/2023)

Wednesday, March 8 – Hot Air and Hot Water Forum (combo day)				
7:30 am – 6:00 pm	REGISTRATION			South Foyer
8:00 – 9:00 am	BREAKFAST			Great Room IV-VIII
9:00 – 10:30 am	PLENARY SESSION			Great Room IV-VIII
10:30 – 11:00 am	NETWORKING BREAK			West Deck
Concurrent Sessions				
	Great Room I-III	Shutters East I-II	Shutters West I-II	Brickstones
11:00 am – 12:00 pm	5A. Flexibility and Demand Response State Water Heating Perspective	5B. Utility Programs in the Midwest	5C. Energy Equity & Environmental Justice in Decarbonization	5D. Program – Decarbonization Considerations
12:00 – 1:00 pm	LUNCH			Great Room IV-VIII

PLEASE TAKE SOME TIME TO VISIT THE DISPLAY TABLES THROUGHOUT THE FOYERS!

2023 HOT AIR & HOT WATER FORUM

March 8, 2023

WEDNESDAY AFTERNOON (3/8/2023)

Wednesday, March 8 – Hot Air and Hot Water Forum (combo day)

Concurrent Sessions

	Great Room I-III	Shutters East I-II	Shutters West I-II	Brickstones
1:00 – 2:00 pm	6A. Reducing Emissions through Policy	6B. State Utility Programs	6C. Legislation and Funding Implications	6D. Residential: Heat and Water Heating Multi-Use Heat Pumps
2:15 – 3:15 pm	7A. High Efficiency Gas Water Heating	7B. Air-to-Water Heat Pumps (AWHP) and Water-Source Heat Pumps (WSHP)	7C. Policies: Codes, Standards, and Testing	7D. Decarbonizing Residential Water Heating
3:15 – 3:45 pm	NETWORKING BREAK <i>West Deck</i>			

Concurrent Sessions

3:45 – 4:45 pm	8A. Low Global Warming Potential Refrigerants and Green House Gas Reductions	8B. Landscape of Current Collaboration and What's Needed – Part II	8C. Workforce	8D. Equipment – Thermal Heat Pumps
5:00 – 6:00 pm	SHAMELESS COMMERCE <i>Great Room IV-VIII</i>			
6:15 – 7:30 pm	RECEPTION <i>The Gallery</i>			

2023 HOT WATER FORUM

March 9, 2023

THURSDAY MORNING (3/9/2023)

Thursday, March 9 – Hot Water Forum				
7:00 am – 4:00 pm	REGISTRATION			South Foyer
8:00 – 9:00 am	BREAKFAST			Great Room IV-VIII
9:00 – 10:30 am	PLENARY SESSION			Great Room IV-VIII
10:30 – 11:00 am	NETWORKING BREAK			West Deck
Concurrent Sessions				
	Great Room I-III	Shutters East I-II	Shutters West I-II	Brickstones
11:00 am – 12:00 pm	9A. Market Transformation: Heat Pump Water Heater Decarbonization	9B. Piping Design	9C. 120 Volt Heat Pump Water Heaters: A Game Changing Technology Gets to Market	9D. Commercial and Public Building Innovations
12:00 – 1:00 pm	LUNCH			Great Room IV-VIII

PLEASE TAKE SOME TIME TO VISIT THE DISPLAY TABLES THROUGHOUT THE FOYERS!

2023 HOT WATER FORUM

March 9, 2023

THURSDAY AFTERNOON (3/9/2023)

Thursday, March 9 – Hot Water Forum

Concurrent Sessions

	Great Room I-III	Shutters East I-II	Shutters West I-II	Brickstones
1:00 – 2:00 pm	10A. Program Design – Heat Pump Water Heaters	10B. Innovative Hot Water Research	10C. Causes of (and Solutions to) Poor Heat Pump Water Heater Performance in Small Enclosures	10D. Commercial and Industrial Hot Water
2:15 – 3:15 pm	11A. Flexibility and Demand Response: Heat Pump Water Heater Controls and Costs	11B. Hot Water Design: Water Quality, Design, and Innovations	11C. Solar Water Heating Strategies	11D. Multifamily – Equitable and Affordable Water Heating
3:15 – 3:30 pm	NETWORKING BREAK			<i>West Deck</i>
3:30 – 4:30 pm	12A. Multifamily – Hot Water Design Strategies	12B. Hot Water System Design	12C. Innovative Strategies	12D. Multifamily – Design & Installation Heat Pump Water Heaters

End of Forum – Thank you for attending!

