

2019 Hot Water Forum

Hilton Downtown Nashville • Nashville, TN • March 11-13

SCHEDULE AT A GLANCE (subject to change)

Monday, March 11					
11:00 am – 4:00 pm	Pre-conference A.O. Smith Ashland Plant Tour <i>(optional and additional registration required)</i>				
4:00 – 7:30 pm	Registration				
5:30 – 7:30 pm	Welcome Reception				
Tuesday, March 12					
7:30 am – 6:00 pm	Registration				
8:00 – 9:00 am	Continental Breakfast / Visit Displays				
9:00 – 10:30 am	Welcome, Introductions, and Plenary Panel				
10:30 – 11:00 am	Networking Break				
11:00 am – 12:30 pm Breakout Sessions	1	A Technologies	B System Design	C Sectors	D Programs, Policies and Climate Goals
		Commercial Applications of Gas Heat Pump Water Heaters	Are Showerhead and Aerator Savings Tapped Out? The Current and Future Market for Low-Flow Fixtures	Multifamily Central Heat Pump Applications and Case Studies	Water Heaters in Zero Net Energy Applications
12:30 – 1:30 pm	Networking Lunch / Visit Displays				
1:30 – 3:00 pm Breakout Sessions	2	CTA2045 – How We Got Here and Where We are Going	A Veritable Solar Cornucopia: PV Heat Pumps, Integrated Thermal & PV, and Concentrating Collectors	Opportunities in Commercial Kitchens	Innovative Programs: Where are We Today?
3:00 – 3:30 pm	Networking Break				
3:30 – 5:00 pm Breakout Sessions	3	It's a Tankless Job	Impact of System Design and Water Use on Premise Plumbing Microbiome	HPWH in Commercial Applications	Innovative Programs for Engagement Strategies
5:15 – 6:15 pm	Lightning Session – Shameless Commerce				
6:15 – 7:30 pm	Networking Reception				

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Wednesday, March 13

7:30 am – 4:00 pm	Registration Open				
8:00 – 9:00 am	Continental Breakfast / Visit Displays				
9:00 – 10:30 am Breakout Sessions	4	A Technologies	B System Design	C Sectors	D Programs, Policies and Climate Goals
		Refrigerant-free Heat Pump Water Heaters	Designing Hot Water Recirculation Systems	Residential Combined Space/Water Heating Systems	Carbon Reduction Strategies in the Water Heater Market
10:30 – 11:00 am	Networking Break				
11:00 am – 12:30 pm Breakout Sessions	5	Retrofit-ready Heat Pump Water Heaters	How Do Plumbing Codes and Guidelines Need to Change to Conserve Water and Improve Quality?	Heat Recovery for Hot Water Systems	Innovative Programs for Midstream Approaches
12:30 – 1:30 pm	Networking Lunch / Visit Displays				
1:30 – 3:00 pm Breakout Sessions	6	Residential Gas Heat Pump Water Heaters – Moving the Market	How Low Can We Go; How Close Can We Get?	Emerging Hot Water Use Applications and Technologies for Commercial Buildings	Innovative Programs for Demand Response
3:00 – 3:30 pm	Networking Break				
3:30 – 5:00 pm Breakout Sessions	7	New Concepts for Heat Pump Water Heaters: Split Units and Alternative Refrigerants	National Laboratory Water Heating Research in Tennessee	Implications and Considerations from Carbon Reduction Strategies for Water Heaters	