

SCHEDULE AT A GLANCE

WiFi
Access Code:
BradfordWhite

MONDAY, MARCH 11

4:00 – 7:30 pm	Registration	<i>Ballroom Prefunction</i>
5:30 – 7:30 pm	Welcome Reception	<i>Atrium</i>

TUESDAY, MARCH 12

7:30 am – 5:00 pm	Registration		<i>Ballroom Prefunction</i>		
8:00 – 9:00 am	Breakfast / Visit Displays		<i>Boone & Crockett</i>		
9:00 – 10:30 am	Welcome, Introductions, and Plenary Panel		<i>Boone & Crockett</i>		
10:30 – 11:00 am	Networking Break		<i>Ballroom Prefunction</i>		
11:00 am – 12:30 pm Breakout Sessions	1	A Technologies <i>(Armstrong 1)</i>	B System Design <i>(Ryman Room 1)</i>	C Sectors <i>(Ryman Room 2)</i>	D Programs, Policies and Climate Goals <i>(Armstrong 2)</i>
		Commercial Applications of Gas Heat Pump Water Heaters	Are Showerhead and Aerator Savings Tapped Out? The Current and Future Market for Low-Flow Fixtures	Heat Recovery for Hot Water Systems	Water Heaters in Zero Net Energy Applications
12:30 – 1:30 pm	Networking Lunch / Visit Displays		<i>Boone & Crockett</i>		
1:30 – 3:00 pm Breakout Sessions	2	CTA2045 – How We Got Here and Where We Are Going	Solar Thermal, Integrated Thermal and PV, Plus a Touch of History	Heat Pump Water Heaters in Commercial Applications	Innovative Programs: Where Are We Today?
3:00 – 3:30 pm	Networking Break		<i>Ballroom Prefunction</i>		
3:30 – 5:00 pm Breakout Sessions	3	It's a Tankless Job	Impact of System Design and Water Use on Premise Plumbing Microbiome	Opportunities in Commercial Kitchens	Innovative Programs for Engagement Strategies
5:15 – 6:15 pm	Lightning Session - Shameless Commerce		<i>Boone & Crockett</i>		
6:15 – 7:30 pm	Networking Reception		<i>Atrium</i>		

SCHEDULE AT A GLANCE

WEDNESDAY, MARCH 13

7:30 am – 5:00 pm	Registration	<i>Ballroom Prefunction</i>
8:00 – 9:00 am	Breakfast / Visit Displays	<i>Boone & Crockett</i>

	A	B	C	D
9:00 – 10:30 am Breakout Sessions	4 Technologies <i>(Armstrong 1)</i>	System Design <i>(Ryman Room 1)</i>	Sectors <i>(Ryman Room 2)</i>	Programs, Policies, and Climate Goals <i>(Armstrong 2)</i>
	Refrigerant-free and Alternative Refrigerant Heat Pump Water Heaters	Designing Hot Water Recirculation Systems	Residential Combined Space/Water Heating Systems	Greenhouse Gas Reduction Strategies in the Water Heater Market
10:30 – 11:00 am	Networking Break			<i>Ballroom Prefunction</i>
11:00 am – 12:30 pm Breakout Sessions	5 Unveiling the Retrofit-Ready Heat Pump Water Heater	How Do Plumbing Codes and Guidelines Need to Change to Conserve Water and Improve Quality?	Multifamily Central Heat Pump Applications and Case Studies	Innovative Programs for Midstream Approaches
12:30 – 1:30 pm	Networking Lunch / Visit Displays			<i>Boone & Crockett</i>
1:30 – 3:00 pm Breakout Sessions	6 Residential Gas Heat Pump Water Heaters – Moving to the Market	How Low Can We Go? How Close Can We Get?	Uses and Considerations for Residential Smart, Grid-Enabled Water Heaters	Implications and Considerations from Carbon Reduction Strategies for Water Heaters
3:00 – 3:30 pm	Networking Break			<i>Ballroom Prefunction</i>
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	Innovative Programs for Demand Response	