

2018 Hot Water Forum

Water Heating, Distribution, and Use Efficiency

Hilton Portland Downtown • Portland, OR • March 20-22, 2018

SCHEDULE AT A GLANCE (subject to change)

Tuesday, March 20					
11:00 am – 3:00 pm (tentative)	Pre-Conference Demo Field Trip (<i>optional</i>)				
3:00 – 7:30 pm	Registration Open				
5:00 pm – 8:00 pm	Reception				
Wednesday, March 21					
7:30 am – 7:30 pm	Registration Open				
8:00 – 9:00 am	Continental Breakfast				
9:00 – 10:30 am	Welcome, Introductions, and Plenary Panel				
10:30 – 11:00 am	Networking Break				
11:00 am – 12:30 pm	1	A	B	C	D
Breakout Sessions		The Connected Future: Policy, Theory, and Infrastructure for Getting to Scale	Verification and Validation of Hot Water System Simulations	Results from Multifamily Hot Water I	Navigating a Sea of Change: How Utilities are Addressing the Evolving Water Heater Market
12:30 – 1:30 pm	Networking Lunch				
1:30 – 3:00 pm	2	Technology Developments: Grid-Connected Heat Pump Water Heaters	The Latest in CO ₂ Heat Pump Research	Changes in Residential Hot Water Use and Opportunities for Savings	Legionella & Other Microorganisms
Breakout Sessions					
3:00 – 3:30 pm	Networking Break				
3:30 – 5:00 pm	3	The Consumer Experience: Findings from the Field of Connected Pilots	The Future of Solar Water Heating	Commercial & Industrial Applications of High-Efficiency Gas Water Heating I	Using Innovative Market Research to Inform Program Evolution: Examples from the Northwest
Breakout Sessions					
5:15 – 6:15 pm	Lightning Session – Shameless Commerce				
6:00 – 8:00 pm	Welcome Reception				

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Thursday, March 22

7:30 am – 4:00 pm	Registration Open				
8:00 – 9:00 am	Continental Breakfast				
9:00 – 10:30 am Breakout Sessions	4	A	B	C	D
		Developments in Gas Heat Pump Water Heaters	Distribution, Delivery, & Plumbing System Design	Field Monitoring of End-Use Fixtures and Equipment in Commercial Kitchens	Promoting Water Heating through Midstream Programs
10:30 – 11:00 am	Networking Break				
11:00 am – 12:30 pm Breakout Sessions	5	Technology Developments: Grid-Connected Controls, Monitoring, and Retrofit Opportunities	What are the Best Approaches for Combi Systems?	Multifamily Hot Water Use II	Solar Hot Water for a Cooler Climate: Massachusetts Campaigns for the Municipal and Residential Sectors
12:30 – 1:30 pm	Lunch				
1:30 – 3:00 pm Breakout Sessions	6	Smart Controls for Efficient Hot Water Generation and Distribution	HERS and WERI Capturing Energy and Water Use in Hot Water Systems	Commercial & Industrial Applications of High-Efficiency Gas Water Heating II	Do We Need Hot Water for Handwashing?
3:00 – 3:30 pm	Networking Break				
3:30 – 5:00 pm Breakout Sessions	7	Technology Developments: Grid-Connected Electric Resistance Water Heaters	Do Low Flow Showerheads Save Hot Water?	Final Results from Demonstration of Hot Water Systems in Commercial Kitchens for the California Energy Commission	Developments in Water Heating Policy & Regulation