

Hot Water and Hot Air Forums

Schedule at a Glance

Hot Water Forum, March 4–5 | Hot Air Forum, March 5–6
Hyatt Regency Portland at the Oregon Convention Center



Monday, March 3 – Optional Offsite Events

12:00 – 5:00 pm UA 290 Tour and Heat Pump Water Heater Equipment Demonstration

Optional event off-site at United Association (UA) Local 290 training facility in Tualatin, OR.

**Available to add to your registration for \$25; limited to 56 participants.*

3:00 – 5:00 pm Splash Apartments Commercial Water Heater and Building Tour

Come see a former Pepsi bottling plant come back to life as mixed-use (commercial/residential) building conversion. Of particular interest is the Nyle central heat pump water heater. Made in Maine, it is the first one of its kind installed in the US, and an example of a central HPWH system that could be a key to scale through simpler installations. Kick off your ACEEE Hot Water Forum in style with a tour of an important central HPWH!

**Optional event off-site. Free to attend. Register [here](#).*

Tuesday, March 4 – Hot Water Forum

7:00 am – 7:00 pm	Registration			
7:30 – 8:20 am	Breakfast			
8:20 – 8:50 am	Welcome and Introductions			
9:00 – 10:30 am	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	1A. Installation Faults	1B. Commercial Food Service	1C. Demand Flexibility	1D. Showers
10:30 – 11:00 am	Networking Break			
11:00 am – 12:30 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	2A. Affordable Multi-Family I	2B. Simulating Hot Water for Better Programs, Designs and Tests	2C. Designing Distribution Systems	2D. Basics of Commercial Heat Pump Water Heaters
12:30 – 1:30 pm	Networking Lunch			
1:30 – 3:00 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	3A. Water Heater Up-Front Costs	3B. Market Transformation	3C. Commercial Recirculation Monitoring Studies	3D. Commercial Design
3:00 – 3:30 pm	Networking Break			
3:30 – 5:00 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	4A. 120 V Heat Pump Water Heaters	4B. Residential Program Design: Bridging the Gap from Supply Chain to End Use	4C. Commercial Field Demonstrations: Data Dispatch from California	4D. Commercial Measurement & Verification
	PAE Living Building Tour			
<p>As part of ACEEE's Hot Water Forum, Tour Portland's first Living Building to learn about sustainable engineering. The five-story, mixed-use building demonstrates replicable and cost-effective solutions for sustainable design removing barriers to entry for highly sustainable projects while revitalizing the community. The tour will cover all petals of the International Living Future Institute's Living Building Challenge, which includes placement of the building health and happiness of the tenants; beauty; equitability of the company; water, energy, and building material efficiency. This tour of the PAE Living Building will focus heavily on the mechanical systems and innovative water systems.</p> <p><i>*Optional event off-site. Free to attend. Register here.</i></p>				

5:30 – 7:00 pm	Reception			
Wednesday, March 5 – Hot Water and Hot Air Forum (Combo Day)				
7:30 am – 7:00 pm	Registration			
8:00 – 9:00 am	Breakfast			
9:00 – 10:30 am	Welcome, Introductions, and Plenary Panel: <i>2025: Uncertainty on Federal Policy but State and Air Quality Management District Efforts Will Shine</i>			
10:30 – 11:00 am	Networking Break			
11:00 am – 12:30 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	5A. Financing	5B. TBD	5C. Appliance Emission Standards	5D. Hot Water and Hydronic Heat Combination Units
12:30 – 1:30 pm	Networking Lunch			
1:30 – 3:00 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	6A. Correctly Installing Technologies to Keep Operation Costs Low	6B. Rates and Incentives	6C. Energy from Wastewater and the Sun	6D. Thermal Energy Storage
3:00 – 3:30 pm	Networking Break			
3:30 – 5:00 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	7A. Affordable Multi-Family II	7B. Designing the Future: Innovative Utility Programs for Decarbonization	7C. Performance Metrics	7D. Gas Heat Pumps
5:30 – 7:00 pm	Reception			

Thursday, March 6 – Hot Air Forum

7:00 am – 4:00 pm	Registration			
8:00 – 8:50 am	Breakfast			
9:00 – 10:30 am	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	8A. Affordability: Lessons from Clean TECH California	8B. Heat Pumps and HVAC Business Structure	8C. Installation Tools	8D. Dual-Fuel Technologies
10:30 – 11:00 am	Networking Break			
11:00 am – 12:30 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	9A. Lowering Energy Bills for Multifamily and Manufactured Homes	9B. Refrigerants	9C. Dual-Fuel Settings and Impacts	9D. Advancing Heat Pump RTUs: Potential and Real Impacts
12:30 – 1:30 pm	Networking Lunch			
1:30 – 3:00 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	10A. Assessing Workforce Needs	10B. Utility Programs: incentives, TRMs, and Automation	10C. Rooftops, PTACs, Window Units and More	10D. Heat Pump Controls and Set Points
3:00 – 3:30 pm	Networking Break			
3:30 – 5:00 pm	Concurrent Sessions			
	Track A	Track B	Track C	Track D
	11A. Space Heating Up-Front Costs	11B. Window Heat Pumps	11C. Cold Climate and Peak Impact	11D. Heat Pump Field Study Data
<i>End of Forum – Thank you for attending!</i>				