





































## Pittsburgh TMAF Agenda

*All activities will take place on the 17<sup>th</sup> floor unless otherwise noted.*

### Tuesday, April 9, 2023

7:30AM – 5:00 PM	Registration Open (17 <sup>th</sup> Floor Registration Counter)	
7:30– 9:30 AM	Board of Directors Meeting Breakfast Provided (Board Members Only) (Lawrence Welk Room – Mezzanine Level)	
	Sky Room	Allegheny Room
9:30 – 10:10 AM		CHP Consortium*
10:10 – 11:00 AM	ESC Orientation for 1 <sup>st</sup> Time Utility and Affiliate Attendees	IMAC Consortium*
11:00 – 12:00 PM	Multifamily Consortium*	NGV Workgroup (open to all)  Chad Goodsell - Cummins
12:00–1:00 PM	Affiliate Members Council Meeting (for Affiliates Only) (Allegheny Room) Lunch on your own	
1:15 – 1:45 PM	Welcome Session Michael Huwar - Peoples Gas (Urban Ballroom)	
	Urban Ballroom	Monongahela Room
1:45 – 2:25 PM	 Peoples Gas Sustainability Efforts Doug Bush – Peoples Gas	 RNG Supply for Transportation Juan Reina - Opal Fuels 
2:25 - 3:05 PM	  Howell Power to Gas Christopher Chen – NJNG	 Dispatchable Clean Energy: Zero Net Carbon Solutions with H2, RNG & CCS Jim Leidel – DTE Energy
3:05 - 3:30 PM	Break Exhibit Hall Open 3:00 – 6:30 PM (Grand Ballroom)	
3:30 – 4:10 PM	  New Construction NFPA Methane Leak Detection Requirements Eric Crosson - Sparrow Detect	  Engineered Solutions for C&I Customers Ray Perry – New Jersey Natural Gas
4:10 – 4:50 PM	  Utility CHP Success Stories Charles Miller – Washington Gas	 Converting Farm Waste to Pipeline Quality Renewable Natural Gas Chris Coan -Municipal Gas Authority of GA
5:00 – 6:30 PM	Welcome Reception (Grand Ballroom)	

## Wednesday, April 10

7:30AM – 3:00 PM	<b>Registration &amp; Exhibit Hall Open (Grand Ballroom)</b>	
7:30 – 9:00 AM	<b>Hot Breakfast (Grand Ballroom)</b>	
	<b>Urban Ballroom</b>	<b>Monongahela Room</b>
8:00 – 9:00 AM	<b>Residential Consortium*</b>	<b>Carbon Reduction Consortium*</b>
9:00 – 9:40 AM	 <b>Builder Panel</b>	 <b>Producing Renewable Energy from Waste With Biogas</b> Ahmet Sari & Raja Swaidan - Air Liquide
9:40 – 10:20 AM	 <b>Residential Solid Oxide Fuel Cells</b> Danielle Ramaley - WATT Fuel Cells	 <b>Micro CHP Water Heater</b> Steve Niswander - Enginuity
10:20 – 10:50 AM	<b>Break–View Exhibits (Grand Ballroom)</b>	
10:50–11:30AM	  <b>Hot Water Savings</b> Alan Work - AM Conservation	  <b>Combined Heat &amp; Power Path Forward: Using Green Gases</b> Arron Tasin - Northeast-Western Energy Systems
11:30 – 12:10 PM	 <b>New Product Alert!</b> Ryan Da Silva - Dettson	  <b>Deisel to Natural Gas Vehicles</b> Jim Lindst - Waste Management
12:15 – 1:30 PM	<b>Networking Lunch &amp; Award Presentation (Bob &amp; Delores Hope Room – Mezzanine Level)</b>	
1:30 – 2:10 PM	 <b>Hydrogen and Admixtures: Impact on Codes &amp; Standards</b> Ted Williams	  <b>Hybrid Boiler/Gas Heat Pump for Commercial Water Heating Applications</b> Noe Contreras – NEEA
2:10 – 2:50 PM	  <b>NeuFuel Technology for Fleets</b> Marti Swayer & Robert Friedman – National Fuel	  <b>Tandem Integration with Gas Heat Pumps</b> Bert Warner – Robur
2:50 – 3:20 PM	<b>Break – Snacks and refreshments (Grand Ballroom)</b>	
3:20 – 4:00 PM	  <b>Bryan Cordill - PERC</b>	  <b>Hydrogen Workgroup (Open to all)</b>
4:00 – 4:40 PM	<b>BFA Consortium*</b>	<b>GHP Consortium*</b>
5:00 – 6:30 PM	<b>Offsite Evening Reception Il Tetto at Sienna Mercato – 942 Penn Ave</b>	

## Thursday, April 11

7:30 – 9:00 AM	Hot Breakfast (Sky Room)	
	Allegheny Room	Monongahela Room
8:00 - 8:45 AM	Residential and Light Commercial Presentation Reviews (Utility Members Only)	Commercial & Industrial Presentation Reviews (Utility Members Only)
9:00 - 10:00 AM	IBS Consortium	ESC Joint Meeting with North American Gas Heat Pump Collaborative
10:00 -11:00 AM		

Meeting Adjourned

Thank you to our utility host:



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