

ELECTRIFICATION 2024

INTERNATIONAL CONFERENCE & EXPOSITION

Accelerating Together for an Electrified Future

March 12-14, 2024 | Savannah, Georgia

AGENDA

Tuesday, March 12, 8:00 am to 4:30 pm (ALL TIMES SHOWN IN EASTERN)

INDUSTRIAL & LARGE COMMERCIAL HEAT PUMPS (IHP) WORKSHOP DAY

MEETING ROOM: TBD			
TIME	TOPIC	DESCRIPTION	SPEAKER
8:00 – 8:20 am	Opening	Welcome, Overview of Workshop	<ul style="list-style-type: none"> Ammi Amarnath, EPRI
	Session 1	Current Status of Industrial Heat Pumps	<ul style="list-style-type: none"> Ammi Amarnath, Chair
8:20 – 8:45 am	Efficiency First	Industrial Process Integration – Appropriate Location of Heat Pumps <ul style="list-style-type: none"> Pinch Studies Heat Recovery 	<ul style="list-style-type: none"> Mike Rutkowski, Ex: KBC/Linnhoff-March
8:45 – 9:15 am	Applications	Types and Applications of Industrial Heat Pumps Around the World <ul style="list-style-type: none"> Basics of IHPs Water heating, Steam generation, drying Broad applicability across industries 	<ul style="list-style-type: none"> Paul Scheihing, 50001 Strategies
9:15 – 9:35 am	RD&D	Industrial Heat Pump Applications in U.S. manufacturing <ul style="list-style-type: none"> Techno-economics and Application Barriers DOE's IEDO Funded Research Project Opportunities for Future Research 	<ul style="list-style-type: none"> Jibran Zuberi, LBNL
9:35 – 10:00 am	Discussions	Open Discussions with Panel Members	<ul style="list-style-type: none"> Ammi Amarnath, Panelists
10:00 – 10:30 am	BREAK	Coffee/Tea Break	
	Session 2	Vendors / Technology Providers	<ul style="list-style-type: none"> Pradeep Vitta, Southern Company, Chair

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10:30 – 11:30 am	Manufacturers’ Forum	Some Successful Applications in Industry <ul style="list-style-type: none"> • Case studies by vendors • European Applications • Issues and Opportunities in the USA 	<ul style="list-style-type: none"> • Chance Brofft, Oilon • Peter DeWitt, Armstrong Intl • Alex Hoeren, Siemens Energy • German Robledo, GEA
11:30 am - Noon	Discussions	Open Discussions with Panel Members	<ul style="list-style-type: none"> • Pradeep Vitta, Panelists
Noon – 1:00 pm	BREAK	Lunch Break	
	Session 3	Technology Development and Market Transformation	<ul style="list-style-type: none"> • Ammi Amarnath, Chair
1:00 – 2:30 pm	Technology Development and Market Transformation	Current Technology Development Activities in the USA <ul style="list-style-type: none"> • Technology Development Activities • Government Funded Projects • Long Term Prospects Market Transformation Efforts <ul style="list-style-type: none"> • National and Regional Efforts 	<ul style="list-style-type: none"> • Lalit Chordia, Thar Energy • Ashwin Salvi, AtmosZero • Sreenidhi Krishnamoorthy, EPRI • Neal Elliott, ACEEE
2:30 – 3:00 pm	Discussions	Open Discussions with Panel Members	<ul style="list-style-type: none"> • Ammi Amarnath, Panelists
3:00 – 3:30 pm	BREAK	Tea Break	
	Session 4	Large Commercial and District Heating	<ul style="list-style-type: none"> • Ron Domitrovic, Chair
3:30 – 4:00 pm	Technology Development and Applications	Current Technology Development and Application Activities in the USA <ul style="list-style-type: none"> • Technology Development Activities • Applications Across USA and the World 	<ul style="list-style-type: none"> • Brian Urlaub, Salas O’Brien • Stefan Hamlin, Danfoss
4:00 – 4:30 pm	Discussions	Open Discussions with Panel Members	<ul style="list-style-type: none"> • Ron Domitrovic, Panelists
5:00 pm	Adjourn		

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5:30 – 7:30 pm	Welcome Reception	Exhibit Hall