

ELECTRIFICATION 2024

INTERNATIONAL CONFERENCE & EXPOSITION

Accelerating Together for an Electrified Future

March 12-14, 2024 | Savannah, Georgia

AGENDA

Monday, March 11, 1:00 p.m. to 5:00 p.m. (ALL TIMES SHOWN IN EASTERN)

POWER QUALITY APPLICATIONS (PQA) WORKSHOP DAY 1 OF 2

MEETING ROOM: TBD			
TIME	TOPIC	DESCRIPTION	SPEAKER
1:00 p.m.	Opening	Welcome, Overview of Workshop	Bill Howe, EPRI
1:10 p.m. Session 1	PQ Technology Solutions for End-Use Session Chair: Mark Stephens, EPRI	<ul style="list-style-type: none"> Are Standards Good Enough? Facility Placement vs. PQ Expectation Solving Customer-Side Voltage Unbalance Issues Semiconductor Industry Update 	Mark Stephens, EPRI Mark Stephens, EPRI and Russell Sherrill, UST Scott Bunton, EPRI
3:00 p.m.	BREAK		
3:30 p.m. Session 2	Case Studies in PQ Session Chair: James Owens	<ul style="list-style-type: none"> Use Cases with the 2nd generation Portable Radiated Emission Measurement System (PREMS II) for Broad spectrum EMI measurement. Introducing the Next Generation PQ Investigator - PQI V4.0 	Ed Kaminski, Atlantic City Electric and James Owens, EPRI Eric Auel, EPRI
5:00 p.m.	Adjourn		

ELECTRIFICATION 2024

INTERNATIONAL CONFERENCE & EXPOSITION

Accelerating Together for an Electrified Future

March 12-14, 2024 | Savannah, Georgia

AGENDA

Tuesday, March 12, 8:00 a.m. to 12:00 p.m. (ALL TIMES SHOWN IN EASTERN)

POWER QUALITY APPLICATIONS (PQA) WORKSHOP DAY 2 OF 2

MORNING SESSION:

MEETING ROOM: TBD

TIME	TOPIC	DESCRIPTION	SPEAKER
8:00 a.m.	Opening	Welcome / Recap of Day 1, Overview of Day 2	Bill Howe, EPRI
8:05 a.m. Session 3	Grid-side PQ Technology Solutions Session Chair: Bill Howe, EPRI	<ul style="list-style-type: none"> Voltage correction systems for Critical Facilities – Advantages and Caveats Advancements in Stray Voltage Detection Technology Best Practices in Voltage Compensation 	David Ezer, Omniverter Doni Nastasi, EPRI Gaurav Singh, EPRI and Jim Hoelscher, MEPEI
10:00 a.m.	BREAK		
10:30 a.m. Session 4	PQ Data Analytics Session Chair: Tom Cooke, EPRI	<ul style="list-style-type: none"> Data Analytics for PQ Framework for Automating PQ Data Resources 	Tom Cooke, EPRI Theo Laughner, Lifescale Analytics
Noon	LUNCH		

ELECTRIFICATION 2024

INTERNATIONAL CONFERENCE & EXPOSITION

Accelerating Together for an Electrified Future

March 12-14, 2024 | Savannah, Georgia

AGENDA

Tuesday, March 12, 1:00 p.m. to 5:00 p.m. (ALL TIMES SHOWN IN EASTERN)

POWER QUALITY APPLICATIONS (PQA) WORKSHOP DAY 2 OF 2

AFTERNOON SESSION:

MEETING ROOM: TBD

TIME	TOPIC	DESCRIPTION	SPEAKER
1:00 p.m. Session 5	AI Applications for PQ Session Chair: Gaurav Singh, EPRI	<ul style="list-style-type: none"> Utilization of AI for PQ Waveform Clustering 	Maidul Islam, EPRI
		<ul style="list-style-type: none"> Incipient Failure Detection in Capacitor Banks Using AI 	Gaurav Singh, EPRI
		<ul style="list-style-type: none"> Incipient Failure Detection using PQ Data 	Joe Grappe, Sentient Energy
3:30 p.m.	BREAK		
3:30 p.m. Session 6	PQ Data Analytics Session Chair: Bill Howe, EPRI	<ul style="list-style-type: none"> <i>The role of PQ in Wildfire Prevention and Mitigation</i> 	Doni Nastasi, EPRI
		<ul style="list-style-type: none"> <i>Proactive PQ – The Future of PQ</i> 	Bill Howe, EPRI
4:55 p.m.	Close	<i>Recap of workshop</i>	
5:00 p.m.	ADJOURN		
5:30 p.m.		WELCOME RECEPTION – TBD	