

Event Overview

CEATI's Distribution Conference will focus on utility best practices, tools, and technologies to improve planning and operations and ensure business success in future markets moving towards net-zero emissions.

The event will feature presentations on the following themes:

- 1. Non-Wires Alternatives (NWA) to efficient and reliable operations**
 - Using NWA to prevent significant overloading of local distribution systems
 - Applying NWA solutions at the utility side and behind the meter
 - Pricing incentives to drive NWA solutions behind the meter
 - Monitoring and control of customer facilities
 - Success rate and performance of NWA
- 2. Electrification of Transportation - a threat or opportunity for distribution grids?**
 - Assessing the impact of accelerated EV charging demand on distribution grid infrastructure and operations
 - Preparation for distribution grid integration in an accelerated vehicle charging demand
 - International utility best practices for grid integration and operation of residential, commercial, and mass transportation electrification
 - Ensuring hosting capacity into local distribution systems, commercial and residential services, to prepare for EV integration
 - Using energy storage to compliment EV integrations
 - Barriers and enablers for utilities to meet customer needs
 - Matching distribution grid reliability to EV charging requirements
- 3. Distributed Energy Resources (DER)**
 - Preparation for DER integrations while minimizing the risks
 - Reviewing technical constraints that limit DER penetration rates on distribution feeders
 - International utility best practices to support greater DER penetration.
 - Modeling and controlling small scale DER such as rooftop solar
 - Grid modernization software and technologies to improve operations
 - Leveraging DER to defer distribution system upgrades
 - Distribution automation
- 4. Taking advantage of digital transformation to improve infrastructure asset management on distribution grids – improving the load factor of the grid**
 - Leveraging digital systems and technologies to make practical asset management decisions
 - Cost reduction of infrastructure condition assessment
 - Distribution grid reliability
 - Outage management
 - Power quality at the customer meter
 - Demand side management by shifting discretionary loads from peak to off-peak hours
- 5. Cyber security for the distribution grid**
 - IT/OT-related threats and mitigation techniques
 - Standards and guides utilities rely on to improve operational cybersecurity systems
 - Best practices of IT/OT system applications for distribution operations concerning cyber security
 - Cybersecurity maintenance requirements
 - Integrating intelligent distribution systems reliably to avoid cyber-attacks

Who Should Attend?

- Distribution electric utilities
- IT/OT technologists and specialists
- Consultants
- Equipment manufacturers and suppliers
- Research facilities and laboratories
- Academics

Why Exhibit?

- Showcase your products
- Generate highly qualified leads
- Generate credibility
- Cultivate relationships
- Maximize your brand exposure

This event is supported by the following member utilities:

American Electric Power
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ATCO Electric
Baltimore Gas & Electric
BC Hydro
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Con Edison
Duke Energy
Efficiency Manitoba
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Ellexicon Energy
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New York Power Authority
Newfoundland Power
Oncor Electric Delivery
San Diego Gas and Electric
Saskatoon Light & Power
SaskPower
Seattle City Light
Southern California Edison
Tacoma Power
Tennessee Valley Authority
Toronto Hydro-Electric
System

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All conference guests are eligible for a preferred rate of \$185 USD a night subject to availability. To receive this rate, please mention the group name CEATI International for the 2022 Distribution Conference. The preferred rate is only available until August 26th, 2022. Make reservations [online](#).