



Event Overview

CEATI Transmission Conference will focus on utility best practices, tools, and technologies to improve resiliency, planning, and preparation to mitigate the impacts of climate change. This conference will provide attendees with a better understanding of climate change developments and their impact on the electric power industry. Key issues and challenges will be identified, as well as opportunities to enable climate adaptation and grid resiliency that are relevant to the following CEATI interest groups:

[Overhead Transmission Design](#) / [Overhead Transmission Equipment](#) / [Transmission Underground Cables](#) / [Grounding and Lightning](#) / [Vegetation Management](#) / [Station Equipment](#) / [Transmission Planning and Operations](#)

The event will feature presentations on the following themes:

1. Impact of Climate Change on Power Systems

- Reliability
- Resiliency
- Operations
- Safety
- T&D Asset Assessment (Overhead and Underground)

2. Planning and Preparation for Extreme Climate Events

- Environment Monitoring
- Risk Assessment
- Cost-Effective Long-Term Planning
- Power System Modelling
- Design Loading Against Expected Climate Change

3. Mitigation and Emergency Restoration Preparedness

- Power System Hardening and Maintenance (Overhead and Underground)
- Operations During and After Extreme Climate Events
- Strategies and Emergency Response to Extreme Climate Events (Severe Storms, Flooding, Extreme Temperatures)

4. Regulatory Impacts and Standards

- Establishing a Common Storm Hardening Vision with Regulatory Authorities
- Standards and Guidelines for System Equipment and Operations
- International Regulatory Framework to Prepare for Climate Change
- Compliance
- Environmental and Social Governance
- Regulatory and Legislative Challenges

5. Wildfire Prevention and Mitigation

- Climate Change Impact on Wildfires
- Guidelines and Best Practices for Wildfire Prevention and Mitigation
- Reducing Utility Ignitions and Impacts
- Power System and Underground Infrastructure Design and Maintenance
- Vegetation Management

Transmission Conference

November 15–16, 2022 | Atlanta, GA



Who Should Attend?

- *Transmission and Distribution Electric Utility Personnel*
- *Stations Electric Utility Personnel*
- *Grounding and Lightning Utility Engineers*
- *Vegetation Management Professionals*
- *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:

Alberta Electricity System Operator

AltaLink

Ameren Corporation

American Electric Power

American Transmission Company

Arizona Public Service Company

ATCO Electric

Avangrid Networks

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California Department of Water Resources

California ISO

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Pacific Gas and Electric Company

Portland General Electric

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PPL Electric Utilities

Public Service Electric and Gas Company

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RTE - France

Salt River Project

San Diego Gas and Electric Company

Saskatoon Light & Power

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Seattle City Light

Southern California Edison

Southern Company

Tennessee Valley Authority

TEPCO

TNB Research Sdn Bhd

Toronto Hydro-Electric System

TransGrid

Transpower New Zealand

U.S. Army Corps of Engineers

U.S. Bureau of Reclamation

Uganda Electricity Generation Company

Western Area Power Administration



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All conference guests are eligible for a preferred rate of \$229 USD a night subject to availability. To receive this rate, please mention the group name CEATI International for the 2022 Transmission Conference. The preferred rate is only available until October 7th, 2022. Make reservations [online](https://www.ceati.com/conferences).