

Overhead Transmission Conference

Climate Change Impact and Resiliency of the Transmission Line Grid

Overview

Overhead lines are vulnerable because they transmit energy over long distances and are exposed to a wide range of weather conditions. Determining design meteorological loads with appropriate return period values can be challenging because the lines traverse a variety of terrains which lack long term climatological data.

The Intergovernmental Panel on Climate Change (IPCC) took place in 2001, and one major takeaway was that the impact of climate change will cause more frequent, extreme, and intense weather events. In the long term, this will add significant variability to climate data such as temperature, wind speed, precipitation, etc., introducing more uncertainty not only to the magnitude and frequency of climatological load data, but also to increased load demand. This poses significant challenges for safe, reliable operation and maintenance of line assets, increasing the vulnerability of grid networks and introducing significant risks. The consequences of this exposure have led to many major blackouts in recent years, with long outages for residential, industrial, and commercial customers. Resilience, in its simplest form, is defined as the ability to reduce the magnitude and/or duration of disruptive events, particularly those with very low probability but severe consequences.

This conference provides utility managers/engineers with the most current information on the impact of climate change, as well as an understanding of grid resiliency issues and challenges utilities around the globe are facing. It will provide a forum to exchange information on mitigating outages and implementing new technologies aimed at both new and veteran engineers. Key experts will deliver topic-specific presentations, enhanced by breakout sessions to discuss issues in greater detail. These position presentations will identify problems, gaps, research needs, and opportunities; describe important projects and ongoing work; prioritize issues based on importance; and identify barriers to progress, opportunities, and applications.

Themes

1. Planning for Extreme Events
2. Impact on Asset Sustainment
3. Emergency Restoration Options – Lessons Learned
4. Wildfire Prevention
5. Regulatory and Legislative Issues Responding to and Preparing for Climate Change Impacts and Resiliency of Transmission Lines

Who Should Attend?

- Electrical utilities
- Transmission managers and supervisors
- Transmission engineers and engineering supervisors
- Consultants, service providers, and contractors
- Equipment vendors
- Researchers and laboratory personnel
- Academics

This conference is created in collaboration with our utility members:



Co-Located Conferences

November 17-18, 2020 • San Diego, CA

Registration Form

Early Bird Rate

Your Information

Name

Organization

Job Title

Street Address

City, Province, State

Country

Postal/Zip Code

E-mail

Phone

Fax

Payment Information

Visa  Mastercard 

Card No.

Expiry Date /

Signature

Cardholder

Town and Country Resort Hotel

500 Hotel Circle North
San Diego, CA
92108 USA
+1 619-291-7131



Registration Fees

Register by June 30th, 2020 and save up to \$100!

Choose your track:

- Transmission Vegetation Management Cables
- ~~\$1,295~~ \$1,195 USD Standard Pass
- ~~\$995~~ \$895 USD Utility Pass
- \$755 USD CEATI Participant Pass
- \$755 USD Speakers

*GLP, SG, SEP, PCP, and IPSIG participating organizations may be eligible for a complimentary registration - contact your Program Coordinator for more information. Academics should contact CEATI directly about discounted pricing.

Exhibition Fees

- ~~\$4,495~~ \$4,400 USD Sponsorship Booth (2 passes)
- ~~\$3,495~~ \$3,400 USD Standard Booth (2 passes)
- ~~\$1,600~~ \$1,500 USD Conference Sponsor
- \$755 USD Additional Exhibitor Passes

Quantity: _____

Top 3 booth choices: _____

For Exhibitors: All cancellations received 60 days prior to the event will be subject to a processing fee of 25% of the total amount. There will be no refunds granted after this date. Delegate substitution is permitted at no extra cost.

Important Information

Registration fees include proceedings package, breakfast, breaks, lunches and reception where indicated on the schedule.

- Please check if you wish to be contacted about allergies or other dietary requirements.

Prices are in USD. Charges will appear as 'CEATI International Inc' and are subject to applicable taxes and fees. All cancellations received at least 60 days prior to event will be subject to a \$200 processing fee. There will be no refunds granted after this date. Delegate substitution is permitted at no extra cost. Please note that all names registering for the event will be added to CEATI's mailing list. If you do not wish to be included in this electronic outreach, please click on the 'unsubscribe' button in the email to remove yourself. In the spirit of industry networking, your name, title, employer and email may be shared with other conference participants. If you do not wish to have this info shared, please contact us at events@ceati.com. By attending, you acknowledge that there may be photographs or videos taken of you during this event, and you consent to the use of these photographs or videos in future CEATI communications.

All conference guests are eligible for a preferred rate of \$173 USD a night subject to availability. To receive this rate, please mention the group name CEATI International for the 2020 Conferences. The preferred rate is only available until September 25th, 2020.

Register online [here](#).

Completed registration forms can be sent by email to events@ceati.com or by fax to (514) 904-5038.