

# Hydropower Conference

March 19-20, 2019 • Tucson, AZ

## Overview

The electric utility industry is undergoing major changes which are influencing the way energy and capacity services are provided and power systems are planned.

Hydropower has been used to provide low variable cost energy, flexibility, and grid reliability for many years. However, this traditional role is being challenged by the growing presence of intermittent renewables, low cost natural gas, low load growth, excess capacity, and market uncertainty, which are creating pressures to reduce operating and maintenance costs and restrain capital expenditures that are necessary to address issues of operational risk and aging infrastructure.

These major changes require the best available knowledge to improve planning, operations, and maintenance, and an understanding of the risks associated with potential failure modes and associated consequences. There are many lessons to be learned from past experiences in order to best manage the future uncertainties and the evolving role of hydro in power system operations.

## Track 1: Value and Flexibility of Hydropower in Grid Dispatch and Reliability

1. Providing flexibility to the power system - impacts on hydro equipment and operations
2. Need for condition assessment and monitoring tools
3. Strategic planning for efficient integration with other renewables (wind, solar)
4. Implications and costs of entering new markets (such as EIM)
5. Techniques for optimally managing load (e.g., start/stops, artificial loads, economic spills, rate design)
6. Environmental legislation and regulatory impacts
7. Justifying rehabilitation with low power prices
8. The interplay of new market and operating conditions and dam safety considerations

## Track 2: Learning from International Experience, Best Practices, Incidents, and Failures

1. Dam Safety Incidents/Failures Case Studies
2. Operational impacts of dam safety considerations
3. Preventative maintenance
4. Systems-based approaches to improving reliability
5. Communications and coordination (internal/external) – examples of best practices and breakdowns
6. Knowledge-based leading edge technological resources
7. Lessons learned from other industries



# Hydropower Conference

March 19-20, 2019 • Tucson, AZ

## Registration Form

You can also register online at [www.ceati.com/SPRING2019](http://www.ceati.com/SPRING2019)

### Your Information

Name

Title

Organization

Street Address

City, Province, State

Country



Postal/Zip Code

E-mail

Phone

Fax

### Payment Information

Visa   Mastercard 

Card No.

Expiry Date  /

Signature

Cardholder

**The Westin La Paloma**  
3800 East Sunrise Drive  
Tucson, AZ 85718  
+1.800.937.8461



### Registration Fees & Discounts

Register by December 17th, 2018 and save up to \$100

- |                          |            |                                |
|--------------------------|------------|--------------------------------|
| <input type="checkbox"/> | \$1195 USD | Standard Registration          |
| <input type="checkbox"/> | \$995 USD  | Utility Registration           |
| <input type="checkbox"/> | \$755 USD  | CEATI Participant Registration |
| <input type="checkbox"/> | \$755 USD  | Speakers                       |

\*HPLIG, HOPIG, & DSIG participating organizations may be eligible for a complimentary registration; contact your Program Coordinator for more information

### Exhibit at the Hydropower Conference!

- |                          |            |  |
|--------------------------|------------|--|
| <input type="checkbox"/> | \$4400 USD | Silver Sponsor Booth (2 passes)                |
| <input type="checkbox"/> | \$3900 USD | Sponsorship Booth                              |
| <input type="checkbox"/> | \$3400 USD | Standard Booth (2 passes)                      |
| <input type="checkbox"/> | \$1500 USD | Conference Sponsor                             |
| <input type="checkbox"/> | \$755 USD  | Additional Exhibitor Passes<br>Quantity: _____ |

Please indicate your top 3 booth choices below:

\_\_\_\_\_

**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. Exhibitor registration and additional conference passes include proceedings package, access to the presentation room, breakfast, breaks, lunches, and reception where indicated on the schedule.

### 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 email may be shared with other conference participants. If you do not wish to have your email shared, please contact us at [events@ceati.com](mailto: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 \$209 USD a night subject to availability. To receive this rate, please mention the group name CEATI International for the 2019 Spring Industry Conference. Preferred rate only available until January 22, 2019.