

November 2024

CEATI

MyCEATI Portal – How to Access the DSMM

Agenda / Objectives

- Quick CEATI introduction
- Energiforsk's membership in CEATI's Dam Safety Interest Group
- Access the CEATI member portal
- Where to find the DSMM translation and other resources

CEATI International

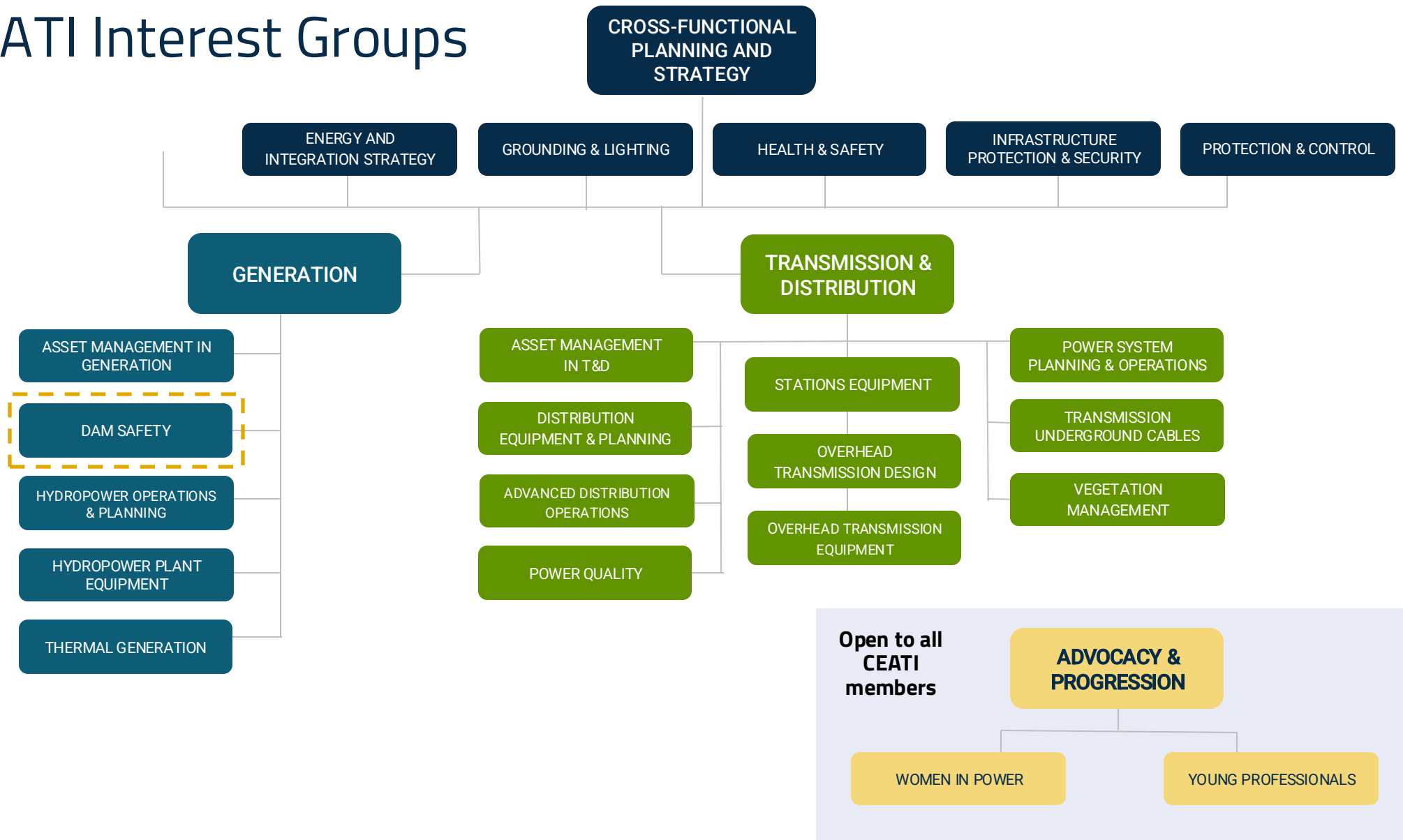
A technical, solution-driven network for power industry professionals



CEATI brings together **electric utility peers** to solve their biggest challenges through **collaborative research** and **knowledge exchange**.

- **Closed-door, utility-only** forum
- **155+ member utilities** across 5 continents
- **20 interest groups** focus on issues spanning all critical areas of power generation, transmission, and distribution
- CEATI **membership is corporate**, open to any staff at member organizations

CEATI Interest Groups



Hydro Generation Groups: Focus & Complementary Areas



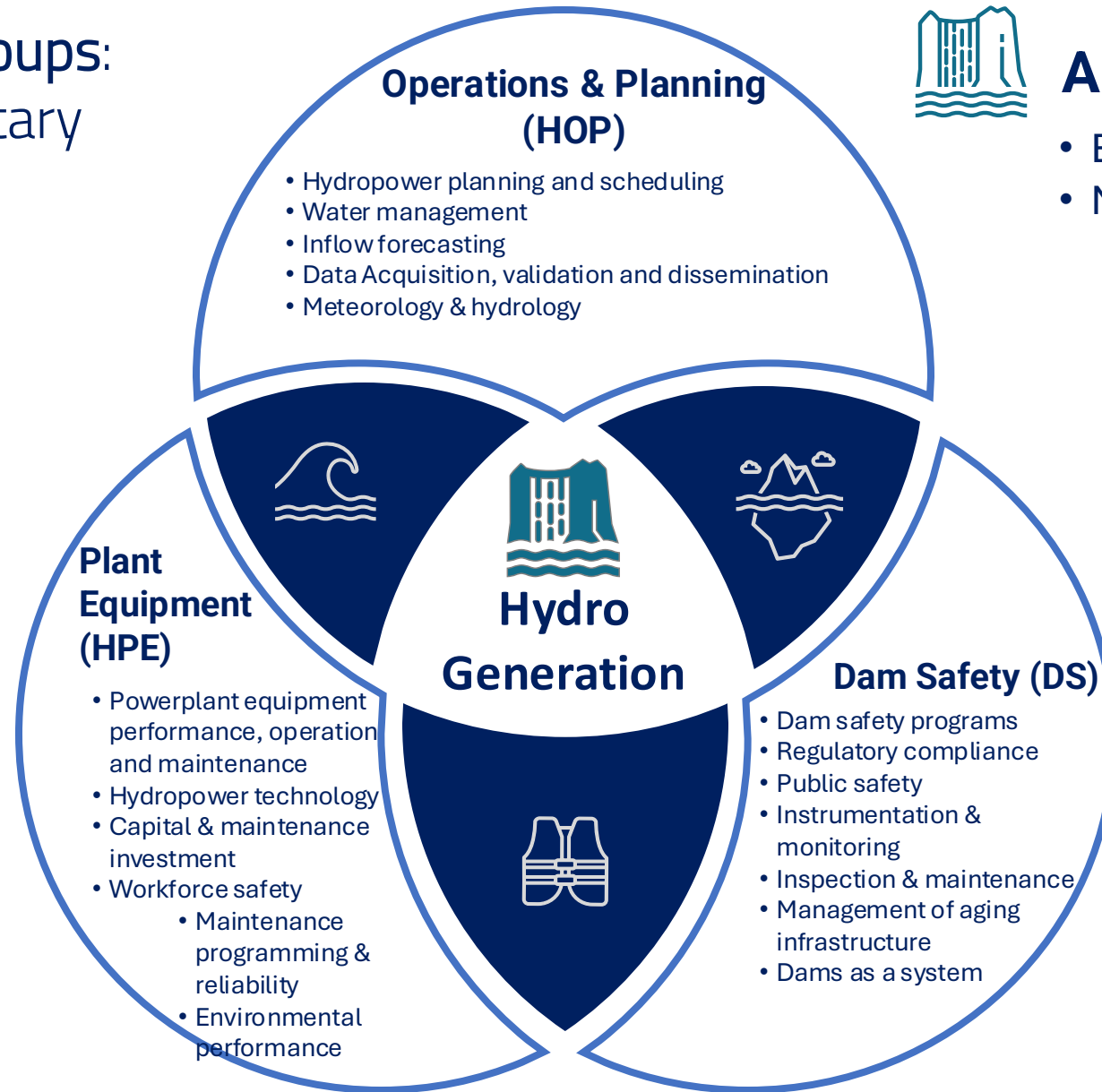
Across Hydro Generation

- Extreme Events
- New & advanced technology



HPE/HOP

- Energy market impacts on hydropower operations
- Costs associated with start/stop and cycling operations
- Environmental factors



HOP/DS

- Preparing for and mitigating impacts of extreme events
- Climate Change impacts
- Using machine learning and AI



HPE/DS

- Asset & infrastructure management/maintenance
- Gates & penstocks

Current Members of Dam Safety

Membership at a Glance

84 Members

9 Countries Represented

86 Collaborative R&D Projects Completed

- Algonquin Power and Utilities
- Ameren Corporation
- American Electric Power (AEP)
- Arkansas Electric Cooperative Corporation – new 2024**
- Avangrid Networks
- Axpo
- BC Hydro
- Brookfield BRP Holdings (Canada) Inc.
- Bui Power Authority
- Bujagali Energy – new 2024**
- California Department of Water Resources
- Centralia City Light
- Chelan County Public Utility District
- CMS Energy
- Constellation Energy Corporation
- Denver Water
- Dominion Energy
- Duke Energy
- Eagle Creek Renewable Energy
- East Bay Municipal Utility District
- Energiforsk
- Entergy Services
- Environment Agency
- Eugene Water and Electric Board
- Federal Energy Regulatory Commission (FERC)
- FortisBC Inc.
- Four Lakes Task Force – new 2024**
- Genesis Energy
- Grand River Conservation Authority (GRCA)
- Grand River Dam Authority (GRDA)
- Grant County Public Utility District
- Great River Hydro
- Hetch Hetchy Water and Power
- Hydro Tasmania
- Hydro-Quebec
- Idaho Falls Power
- Idaho Power Company
- Landsvirkjun
- Lewis County PUD
- Louisville Gas & Electric and Kentucky Utilities (LG&E and KU)
- Manawa Energy
- Manitoba Hydro
- Merced Irrigation District
- Mercury Energy
- Meridian Energy Ltd.
- Metro Vancouver – new 2024**
- Ministry of Quebec – new 2024**
- Minnesota Power
- Montana DNRC – new 2024**
- New Brunswick Power
- New York Power Authority
- Newfoundland and Labrador Hydro
- NorthWestern Energy
- Nova Scotia Power Inc.
- Oglethorpe Power Corporation
- Ontario Power Generation
- Pacific Gas and Electric Company
- PacifiCorp
- Patriot Hydro
- Placer County Water Agency
- Portland General Electric
- Puget Sound Energy – new 2024**
- Relevate Power – new 2024**
- Rev Renewables
- Rio Tinto Alcan
- Sacramento Municipal Utility District
- Santee Cooper
- SaskPower
- Seattle City Light
- Severn Trent Water Ltd
- Snowy Hydro Limited
- Southern California Edison
- Southern Company
- South Feather – new 2024**
- Tacoma Power
- Tennessee Valley Authority (TVA)
- Thames Water Utilities
- TransAlta Corporation
- Turlock Irrigation District
- U.S. Army Corps of Engineers
- U.S. Bureau of Reclamation
- U.S. Department of Energy
- Yuba Water Agency
- Yukon Energy Corporation

Dam Safety

Overview: The Dam Safety interest group develops and makes available **cost-effective dam safety tools, expertise, leading edge technology and operational information**. This is achieved through the interactive collaborative participation of a wide community of knowledgeable participants including dam owners, utilities, independent power producers, as well as government agencies.

Focus Areas

- 1 Assessment, monitoring and management of aging infrastructure
- 2 Challenges associated with changing operating conditions and extreme loading conditions
- 3 Changes in the delivery models for dam safety oversight & services
- 4 Understanding of dams as systems
- 5 Public safety and emergency planning

Notable Members

BC Hydro, Duke Energy, Hydro-Quebec, FERC, Landsvirkjun, NY Power Authority, PG&E, TVA, US Bureau of Reclamation

Highlight Events, Content and Projects

Upcoming In-person Events:

- March 24, 2025: [DS General Meeting](#)— Palm Springs, CA
- March 25th – 26th, 2025: [Hydropower Conference](#)—Palm Springs, CA
- **March 27th, 2025: Technical Workshop - Using Functional Block Diagrams for Understanding Dam Systems –Palm Springs, CA**

Webinars:

- May 8th, 2024: [Communicating Risk to the Public - FEMA and USACE](#)
- August 14th, 2024: [Wareham Spillway Interim Repair Project – Challenges, Lesson Learnt in Yukon, Canada](#)
- August 27th, 2024: [US NASEM Study Update – Modernizing Probable Maximum Precipitation Estimates](#)—joint with HOP
- November 13th, 2024: [Operational Safety of Dams in the Context of Climate Change](#) —joint with HOP

Projects:

- #0234 *Best Practices for Inundation Mapping* - published Jan 2024
- #0258 *Dam Safety Maturity Matrices (DSMM) Benchmarking Database*

Member Testimonial

Dam Safety Maturity Matrices - [Watch Now](#)

Dam Safety Resources - General Meetings and Conference



Upcoming Events :

- March 24, 2025: DS General Meeting—*Palm Springs, CA*
- March 25-26, 2025: [Hydropower Conference](#)—*Palm Springs, CA*
- March 27, 2025: **Technical Workshop - Functional Block Diagrams for Understanding Dam Systems** (project #0260) — *Palm Springs, CA*



Get the most value from your CEATI membership

What's included in your membership:

1. Access our extensive **library of research reports and guidance documents**
2. Attend **webinars and training workshops**
3. Use **Information Exchanges** to pose questions or share insights with fellow interest group members
4. Participate in **collaborative R&D projects**
5. Join a **working group** (if available through your interest group)
6. Attend the **general meetings** for your interest group (twice per year)
7. Attend one of our **annual conferences** (2 tickets included per membership)



To get started, log in to the member portal

- **Your organization has unlimited access to the member portal.**
 - Portal access is aligned to your company email domain.
 - Anyone from your organization can self-register using their company email address.
 - There is no cap on company-wide individual access (no limit on number of users).
- **Portal self-registration:**
 - Visit my.ceati.com and click “Create Your Account” at the bottom of the page.
 - Email support@ceati.com if you encounter problems creating your account.



CEATI >

Become A Member

Welcome to MyCEATI!

Powerful solutions, powered by our network.
Access all that your membership has to offer.

Email

Password

 ×

[Forgot Password?](#)

Log In

Not Registered? [Create Your Account](#)

[Terms of Use and Privacy Statement](#)

Member Portal: Brief Demo

- **Member portal login:** my.ceati.com
 - Anyone at your organization can self-register using their company email address.
 - Click “Create Your Account” at the bottom of the login page.
- **You will use the portal to access key resources:**
 - Research library
 - Active R&D projects
 - Events (upcoming and past)
 - Information exchanges
 - Member directory

The screenshot displays the CEATI Member Portal interface. At the top left is the CEATI logo. A search bar is located at the top right. A navigation menu on the left includes Home, Interest Groups, Events, Research, and Directory. The main content area is divided into several sections: 'Upcoming Events' featuring four cards for meetings and webinars; 'Active Research' with two cards for ongoing projects; and 'Information Exchanges' with one card for case studies. A 'Quick Links' sidebar on the right contains buttons for My Favorites, About Us, and Contact Us, along with a 'Start an Information Exchange' section with a 'Get Started' button.

Member Portal: Overview for reference

List of all **Interest Group** homepages

Upcoming Events

- > Meetings
- > Conferences
- > Webinars

Research library, including R&D project reports and guidance documents

The screenshot shows the CEATI Member Portal interface. The top navigation bar includes the CEATI logo, a search bar with the placeholder text "Search for Keywords, Interest Groups, Project IDs and more...", and icons for bookmarks and user profile. The main content area is divided into several sections:

- General Information:** A paragraph describing the group's objective and a list of five focus areas: 1. Implementing Asset Management Standards, 2. Effecting Strategy and Innovation, 3. Developing and Iterating on the Asset Management Development Roadmap, 4. Developing Asset Technical Knowledge, and 5. Managing Data, Information and Analytics.
- Action Plan and Interest Group Overview:** A section containing two document links: "Action Plan" and "AMTD Program Overview".
- Featured Content:** A section featuring a "FEATURED EVENT" on April 13, 2021, titled "Case Studies on the Value of Asset Management to Utilities".
- Quick Links:** A vertical list of four links: "Events", "Research", "Information Exchanges", and "Working Groups".

Annotations on the left side of the screenshot include:

- A box labeled "List of all Interest Group homepages" with arrows pointing to the "Interest Groups" menu item in the left sidebar.
- A box labeled "Upcoming Events" with arrows pointing to the "Events" and "Research" menu items in the left sidebar.
- A box labeled "Research library, including R&D project reports and guidance documents" with an arrow pointing to the "Action Plan" and "AMTD Program Overview" links.
- A box labeled "Action Plan and Interest Group Overview defining interest group goals and plans" with an arrow pointing to the same links.
- A box labeled "Quick links to find events, research (R&D projects), information exchanges, and working groups" with an arrow pointing to the "Quick Links" section.
- A box labeled "Find your favorites" with an arrow pointing to the bookmark icon in the top right.
- A box labeled "Update your member profile and access your certificates of attendance" with an arrow pointing to the user profile icon in the top right.

Update your **member profile** and access your **certificates of attendance**

Member Portal: DSMM page

- [Dam Safety Interest Group](#) page --> Research tab --> Research ID #0234B

The screenshot shows a search results page with the following elements:

- Home / Search Results** (breadcrumb)
- Search results** (main heading)
- Navigation tabs: **All Results**, **Events**, **Research** (highlighted with a yellow box), **Working Groups**, **Information Exchanges**, **Documents**
- Viewing 1 - 1 of 1 (results count)
- Sort By: **Newest** (dropdown menu)
- Selected Filters** (highlighted with a yellow box):
 - DAM SAFETY** (checkbox checked)
 - 0234B** (checkbox checked)
- Apply Filters** (button)
- Research ID** (highlighted with a yellow box):
 - 0234B (input field)
- Interest Group** (highlighted with a yellow box)
- Result card for **0234B: Dam Safety Maturity Matrices Version 2**:
 - Icon: **RESEARCH**
 - Title: **0234B: Dam Safety Maturity Matrices Version 2**
 - Description: The Dam Safety Maturity Matrices Version 2 ("the matrices") have been developed for dam owners to assess the effectiveness of their dam safety programs against industry practice. This manual describes...
 - Period: Jan 19, 2018 - May 30, 2019
 - Category: **DS**

Member Portal: DSMM page – add to favourites

- Add to favourites and find it quickly on the top right corner

Search for Keywords, Interest Groups, Project IDs and more...

Home / Research / Dam Safety Maturity Matrices Version 2

Dam Safety Maturity Matrices Version 2

PUBLISHED May 30, 2019 • 0234B

Interest Groups

Dam Safety >

Description

The Dam Safety Maturity Matrices Version 2 (“the matrices”) have been developed for dam owners to assess the effectiveness of their dam safety programs against industry practice.

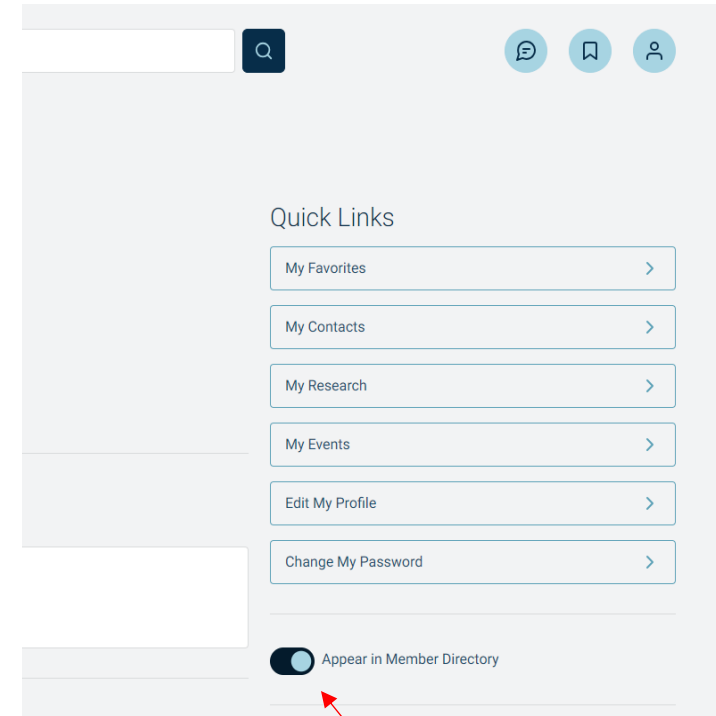
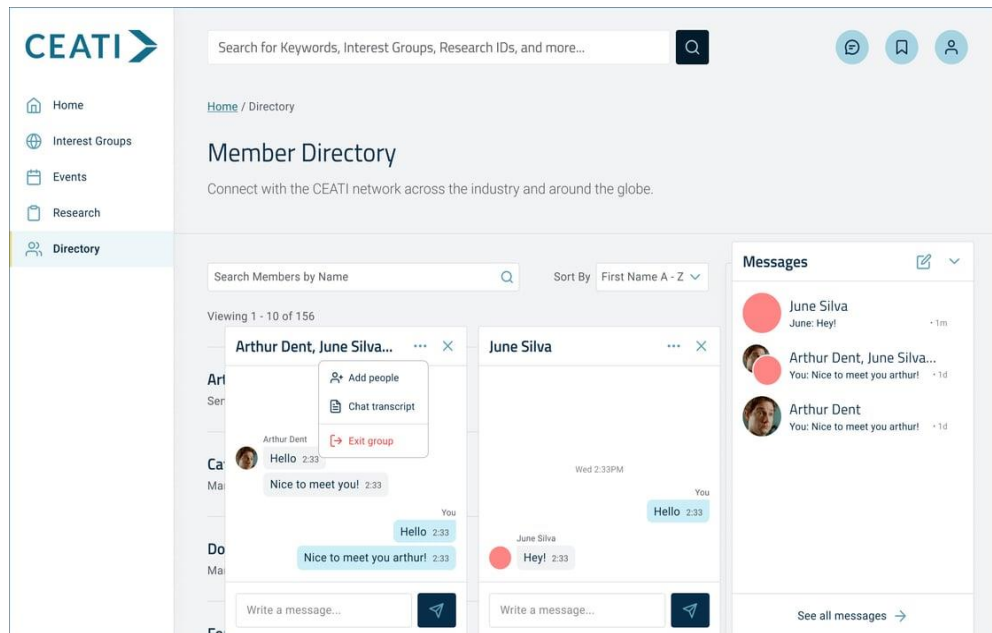
This manual describes how the matrices can be used and how to prepare and complete a dam safety program evaluation using the matrices. The current state of development (or maturity) of a dam safety program can be evaluated for each of its elements and sub-elements. If required, improvements to the program can be subsequently developed, prioritized and planned, and the process can be repeated later to determine if progress has been made.

The primary benefit from using the maturity matrix is expected to be the improved understanding of the dam safety program across the whole range of activities that influence its effectiveness.

Member Portal New Feature Highlight: Messaging

This feature helps expand the networking options available to you as members! Use the new messaging feature to:

- ✓ Find members with specific expertise to help solve problems
- ✓ Poll a small group of peers to get a quick answer to a key problem
- ✓ Connect with fellow members after an event to continue conversations

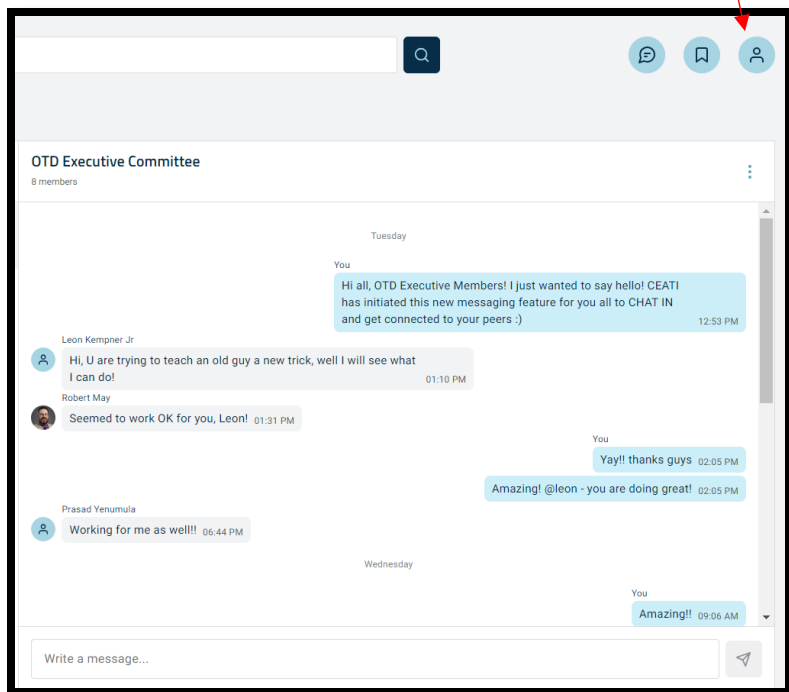
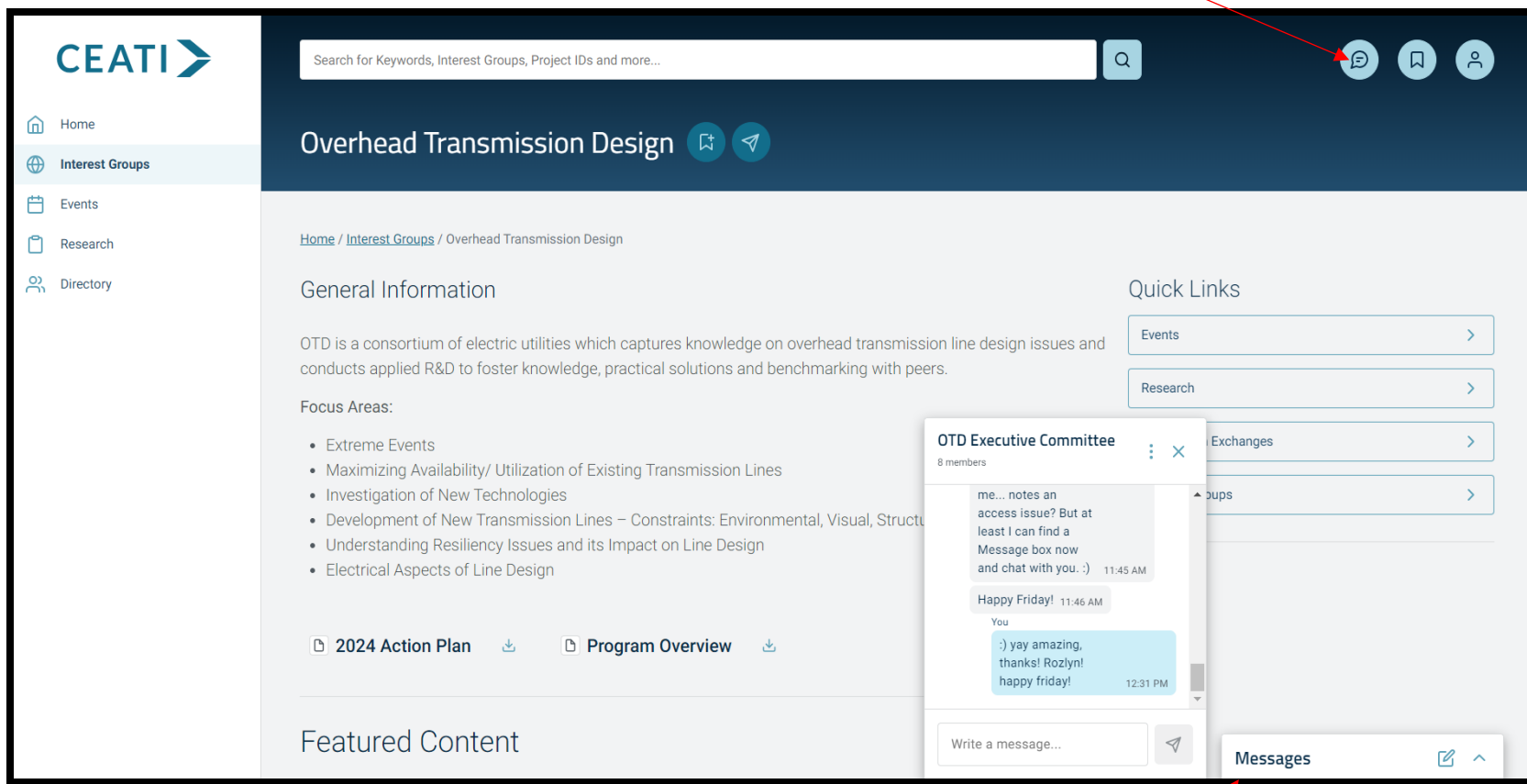


Note: Update Your Profile & Opt-In

Member Portal New Feature Highlight: Messaging

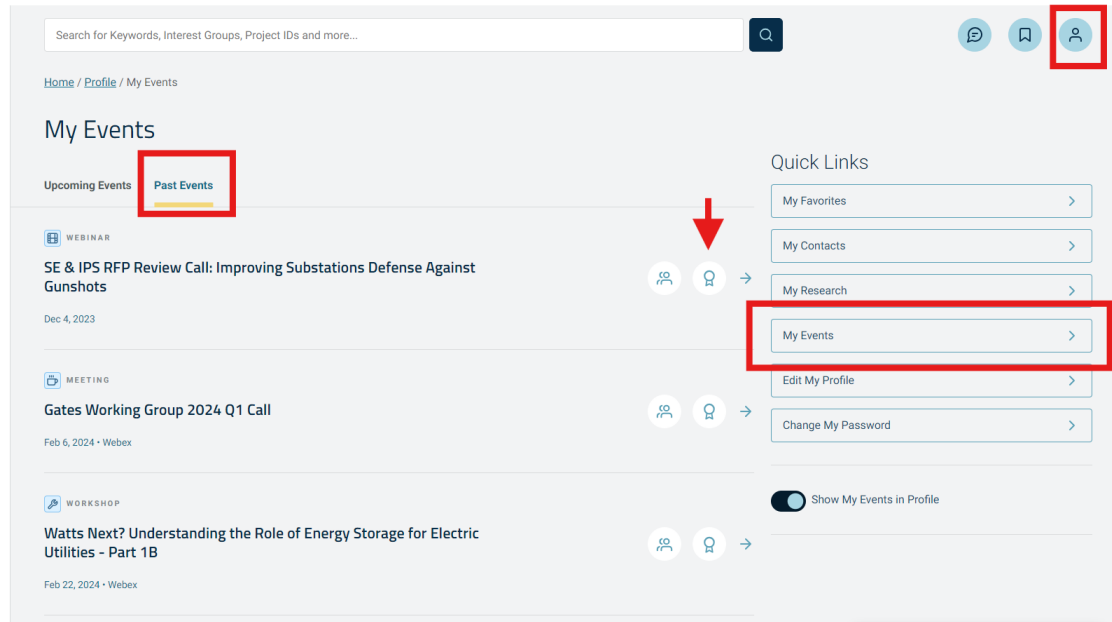
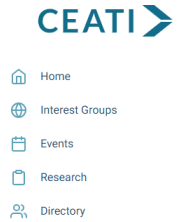
NOTE: Anyone registered to the MyCEATI Portal account has access to the directory and can access the messaging feature.

Click here on Message Icon



You can also have access to the pop-up icon on the Message Icon

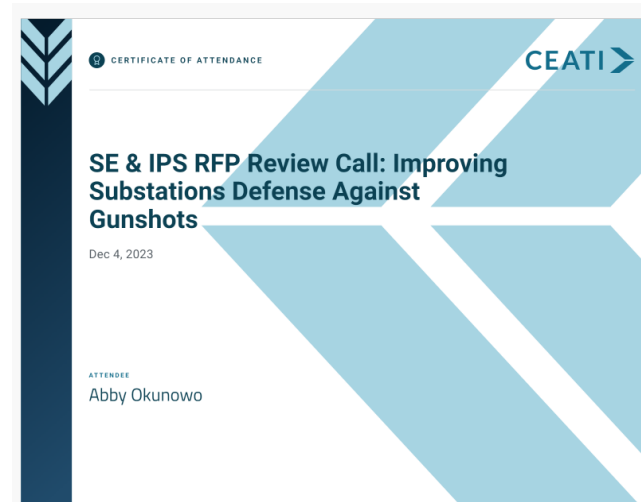
Member Portal New Feature Highlight : Attendance Certificate



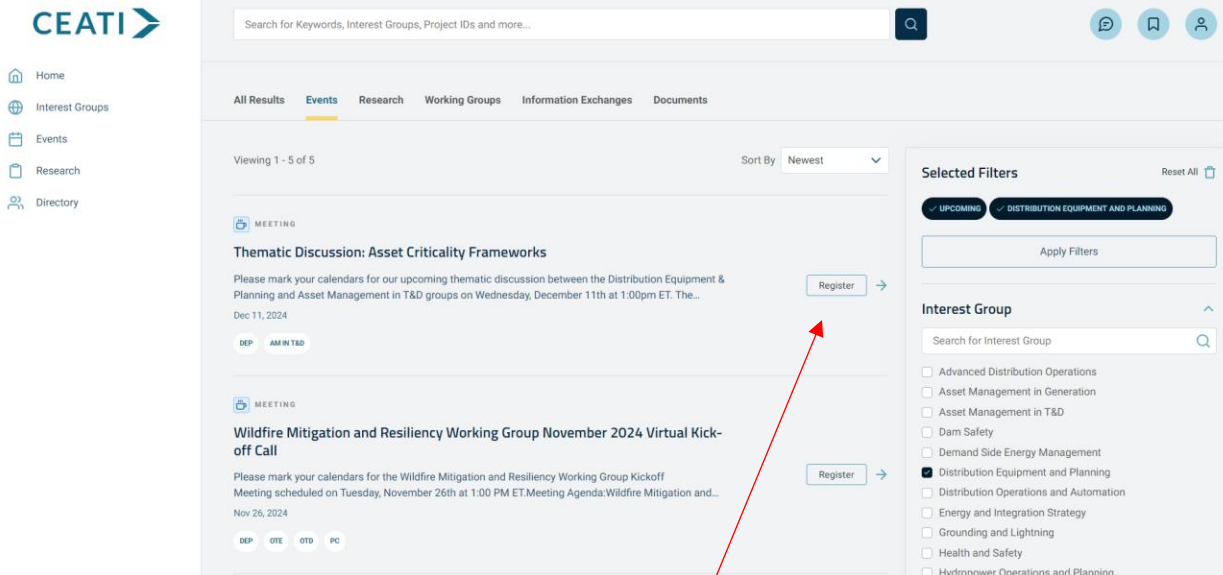
To download attendance certificate:
Click here on Profile Icon

Then click here on My Events

Certificate of Attendance

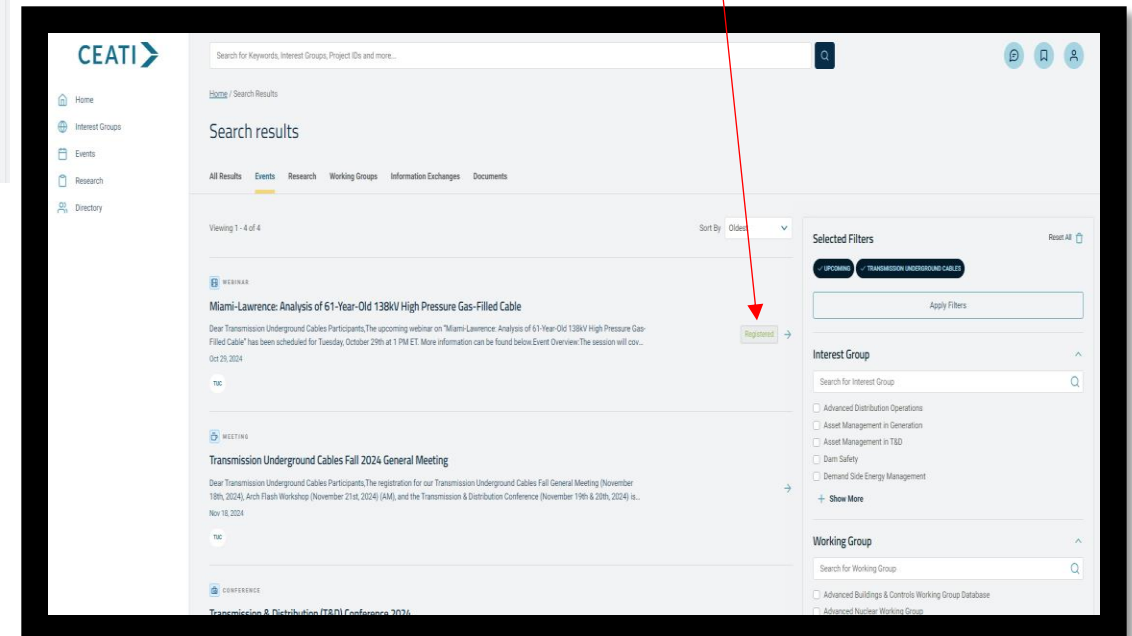


Member Portal New Feature Highlight: Events Registration



Click the **“Register Button”** to register for an event, notation on the right side of the event.

If you have already registered for an event, you can see that **“Registered”** notation on the right side of the event.



Submit an information exchange

“Always on” activity: Information exchanges

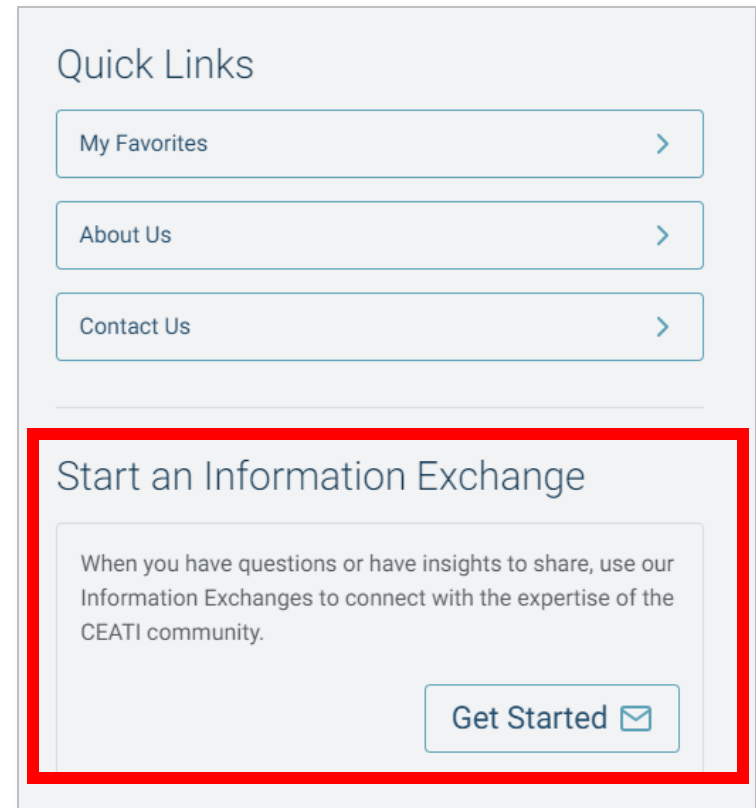
Information exchanges are available to all CEATI members as an **on-demand tool to pose pressing questions to fellow interest group members and get answers fast.**

Members can submit question(s) to CEATI, and our team will review and provide input (as needed) prior to distributing to the relevant interest group(s).

Responses are compiled and shared broadly via the member portal. They are usually available within 2-3 weeks.

Members can leverage information exchanges as needed to **access the expertise of the CEATI network 365 days per year.**

On the member portal homepage:



The screenshot shows a section of the member portal homepage. At the top, there is a 'Quick Links' section with three buttons: 'My Favorites', 'About Us', and 'Contact Us', each with a right-pointing chevron. Below this, there is a section titled 'Start an Information Exchange' which is highlighted with a red border. This section contains a paragraph of text: 'When you have questions or have insights to share, use our Information Exchanges to connect with the expertise of the CEATI community.' and a 'Get Started' button with an envelope icon.

Next steps to get started with your CEATI membership

- ❑ Access and set up your profile in the [MyCEATI portal](#)
- ❑ Check [upcoming events](#) in your group(s) and register to attend a member webinar
- ❑ Review the most recent [projects and research](#) in your group(s)
- ❑ Reach out to a fellow CEATI member through the [directory](#), introducing yourself



**Appendix – Program Details - CEATI's
other Hydro Interest Groups**

Hydropower Operations and Planning

Overview: The goal of the Hydropower Operations & Planning interest group is to develop and make available **cost-effective water management expertise, tools, and leading-edge technology through collaboration** across a wide community of knowledgeable participants including utilities, independent power producers, government and other agencies.

Focus Areas

- 1 Meteorology & Hydrology
- 2 Data Acquisition, Validation & Dissemination
- 3 Water Management
- 4 Hydropower Planning and Scheduling

Notable Members

BC Hydro, BPA, Hydro-Quebec, Landsvirkjun, Manitoba Hydro, NY Power Authority, PG&E, TVA, US Army Corps of Engineers

2024 2H Highlight Events, Content and Projects

- **Webinars:**
 - August 27th, 2024: [US NASEM Study Update – Modernizing Probable Maximum Precipitation Estimates](#) – joint with HOP
 - October 2nd, 2024: [Advance Inflow Forecasting and Reservoir Operations using Leading Edge Meteorological and Hydrologic Science and Applications](#)
- **In-person Events:**
 - September 17-18: "Seasonal Volume Forecasting Training" – Fort Worth, Texas
 - September 19: Hydropower Operations & Planning Fall 2024 General Meeting - Fort Worth, Texas
- **Projects:**
 - [Getting Paid for Hydro Transformation](#) – ongoing
 - [Benchmarking Water Management Business Process](#) - update in progress

Member Testimonial

Justification for Increasing Staff Resources - [Watch Now](#)

Hydropower Plant Equipment

Overview: The Hydropower Plant Equipment interest group is a collaborative, technology-focused program designed to **assist hydroelectric utilities in their efforts to optimize capital and O&M costs, extend equipment life, increase reliability, and reduce outage times** for hydro power plant equipment repair and maintenance.

Focus Areas

- 1 Hydropower Technology
- 2 Capital and Maintenance Investment
- 3 Maintenance Programming and Reliability
- 4 Work Force Productivity and Safety
- 5 Environmental Performance

Notable Members

BC Hydro, BPA, Duke Energy, Hydro Tasmania, Hydro-Quebec, Landsvirkjun, NY Power Authority, PG&E, TVA, Uganda Electricity Generation, US Army Corps of Engineers

2024 Highlight Events, Content and Projects

In-Person Events:

- March 18-22, 2024: [Hydropower Conference](#) and Spring General Meeting – Palm Springs, CA
- September 17-19, 2024: Fall General Meeting and OEM Workshop – Fort Worth, TX

Training:

- NERC Standard Training Workshop Part 4: PRC-019 (October)

Webinars:

- Hydro Generators' Brushes, Brush Holders & Slip Ring Maintenance Best Practices (June)
- Webinar series on Guidance for Tech Specs for the Procurement of Major Hydraulic Plant Equipment (L&S, Voith, GE, Reivax, Basler, Andritz) (Q2 to Q4 period)

Member Testimonial

Rotor Pole Repair - [Watch Now](#)

Asset Management in Generation

Overview: The Asset Management in Generation Interest Group brings utility asset management professionals together to identify challenges and share solutions surrounding asset management development, implementation, operation, evaluation, optimization, and innovation.

Focus Areas

- 1 Strategic Challenges
- 2 Emerging Trends and their impact on Existing Technologies
- 3 Risk and Resilience
- 4 Data Management and Analysis
- 5 Organizational Alignment and Effectiveness

Notable Members

Hydro-Quebec, Bonneville Power Administration, New York Power Authority, Southern California Edison, SaskPower, Omaha Public Power District, Tennessee Valley Authority

2024 Highlight Events, Content and Projects

- **Projects:**
 - Best Practices for Asset Performance Management (APM) Software
 - Asset Class Strategies for Battery Energy Storage Systems
 - Generation Guideline for Risk Management
 - Whole Life Cost Models for Generation Assets
- **Trainings/ Webinars:**
 - CEATI-AMCL Asset Management University (through 2024)
 - Asset Failure Curves (September 2024)
 - Data Management & Analysis (September 2024)
 - Design Thinking for Strategic Planning (October 2024)
- **Working Groups:**
 - CMMS
 - Data Management and Analysis

Member Testimonial

KPIs for Asset Management - [Watch Now](#)



CEATI

Connect with Us



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