CEATI International
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Contribute to CEATI's 2026 Asset Management & Innovation Conference

We are pleased to announce our Call for Abstracts for **CEATI's Asset Management & Innovation Conference** taking place on **September 15th-16th, 2026, in St. Louis, MO**. The CEATI Asset Management & Innovation Conference is a fresh name and new chapter for our annual Strategy & Innovation Conference. This conference will bring together over 300 utility professionals including leaders focused on asset management, strategic planning, energy integration, and digital transformation. Thought leaders and experts from the industry are invited to submit presentation abstracts on the themes described below.

You're invited to submit your content proposal to our conference planning team for consideration by **5pm ET on March 6th, 2026**.

Asset Management & Innovation: Optimizing Today, Advancing Energy Systems for Tomorrow

Conference Tracks & Content Priorities

Asset Management Strategy, Reliability, and Lifecycle Optimization

Sessions will focus on optimizing asset lifecycle value, strengthening system resilience, and enabling informed capital and O&M decision-making. Emphasis is placed on applying modern tools, standards, and organizational practices to optimize asset management practices in an evolving energy landscape.

- **Foundations of Asset Management**
  - Asset management frameworks and best practices
  - ISO 55000/55001 standards and emerging trends shaping the future of asset management
  - Defining and applying risk appetite, risk frameworks, and risk-based decision-making
- **Lifecycle Value, Planning, and Optimization**
  - Whole-life cost modeling, total cost of ownership, and end-of-life planning (including both new construction and existing facilities)
  - Load growth and system expansion considerations for long-term asset management planning
  - Climate adaptation strategies and resilience planning
  - Measurement of asset management effectiveness, KPIs, and asset performance benchmarking
- **Advanced Tools, Data, and Technology**
  - Applying ML/AI and advanced analytics to enhance evaluation of risks and opportunities and asset management decision-making

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- o Digital transformation, data governance, and analytics to improve asset performance and investment planning
- o APM software, digital twins, and visualization tools to support planning, operations, and lifecycle decision-making
- **Organizational Strategy, Talent Development & Change Management**
  - o Developing talent pathways and competency models for asset management roles
  - o Governance structures, roles, and accountability to enable effective asset management
  - o Organizational readiness and change adoption strategies for digital and process transformation

Innovation in Next-Generation Power Systems

Sessions will explore breakthrough technologies and forward-looking approaches shaping the future of power generation -- including AI, advanced fuels, hybrid systems, and grid-edge innovation -- while highlighting the operational and asset implications of adopting these emerging solutions.

- **Innovations in Hybrid and Flexible Generation Systems**
  - o Innovations in hybrid and flexible generation systems combining renewables, storage, and flexible thermal generation
  - o Next-generation wind technologies and hybrid configurations (e.g., wind + storage + grid-forming inverters) that improve flexibility and system support
  - o Innovative control strategies for dispatchable hybrid systems
  - o Demonstrated performance benefits and early lessons from hybrid plant deployments
- **Advancements in Energy Storage and Low-Carbon Fuels**
  - o Long-duration storage, flow batteries, mechanical storage, and thermal storage
  - o Demonstration projects showcasing novel storage applications in generation portfolios
  - o Developments in hydrogen combustion, ammonia co-firing, and synthetic fuels
  - o Innovations in small modular reactors (SMRs) and advanced nuclear technologies
- **AI and Automation in Power Generation**
  - o Status of development for generative AI solutions for plant operations: real-time optimization, automated troubleshooting, and decision support.
  - o Autonomous plant concepts including AI-assisted control rooms, robotics for inspection, and intelligent maintenance workflows.

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- **Innovation Pathways for the Future Grid**
    - o Developing and evolving carbon-free roadmaps for the future
    - o Integrated system planning (ISP) best practices and strategies
    - o Techno-economic insights on emerging solutions and their long-term value potential
    - o Strategy frameworks for utilities navigating rapid technology evolution

SUBMISSION GUIDELINES
- Abstracts must be original and relevant to the conference theme.
- The maximum word count for abstracts is 300 words (excluding title and author details).
- Abstracts should clearly outline the objectives, methodology, results, and conclusions.
- Include 3-5 keywords related to the abstract topic.
- Submissions that include utility co-presenters will be given priority during the selection process.
- Please note that submission does not guarantee a speaking slot.

NOTE: Vendors and Consultants submitting content proposals are encouraged to focus on work completed for specific utility clients, including real world case studies and incidents, and **present alongside utility representatives** to ensure relevance and effective Q&A from our audience.

Tech Demo for 2026: We are introducing **sponsored technology demonstrations** as part of the main conference agenda alongside technical tracks, providing an interactive platform to showcase innovative solutions. These demos offer presenters a unique opportunity to engage industry professionals through hands-on applications. **Please note that these are available for purchase and are not subject to the Call for Abstracts deadline. These can be secured on a first come first serve basis, subject to topic approval. You may submit through the online submission form or contact michelle.goodwin@ceati.com with your submission or for more details.**

Ideal topics include:

➤ **Digital Tools for Asset Condition & Operations**
  - o Interactive demonstrations of asset performance management (APM) platforms, Predictive maintenance tools, and digital inspection technologies
  - o Condition monitoring sensors, grid-edge data capture systems, and remote diagnostics capabilities
  - o GIS, digital twins, and visualization tools to support operations
➤ **AI, and Advanced Analytics in Practice**
  - o Applied AI for anomaly detection, work order optimization, outage prediction, and reliability modeling

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- o Real-world examples of ML/AI integration with utility data systems, SCADA platforms, or AM/FM systems

❯ **Software, Platforms, and Integrated Solutions**
- o New planning and modeling tools supporting capacity expansion, DER integration, and climate resilience
- o Interoperability demos showing integration across EAM, APM, GIS, OMS, and data analytics systems
- o Dashboards, workflow tools, and co-optimization platforms for cross-functional utility teams

For details or to express interest in a Tech Demo, contact Michelle Goodwin at **michelle.goodwin@ceati.com**.