MEGAWATT
Exhibition & Conference

THE ENERGY & TURBOMACHINERY SOLUTION FORUM

CONFERENCE AGENDA

- TURBINES, GENERATORS & POWER GENERATION EQUIPMENT
- COMPONENTS, MATERIALS & MANUFACTURING
- MRO, REPAIR & ASSET LIFE EXTENSION
- BALANCE OF PLANT, AUXILIARY SYSTEMS & STATIC EQUIPMENT
- ENGINEERING, EPC, TESTING & INDUSTRIAL SERVICES
- CONTROLS, ELECTRICAL & DIGITAL SOLUTIONS
- FLEXIBLE GENERATION, DECARBONISATION & NEW POWER APPLICATIONS



MEGAWATT EXHIBITION & CONFERENCE 2026

2026 Technical conference programme developed in collaboration with ETN Global

Across all sessions, the programme will focus on practical solutions that help users make investment and operational decisions under uncertainty, while maintaining reliability, safety, affordability and decarbonisation progress.

The conference programme will be structured around a set of key drivers:

- Fast-growing power demand from AI, data centres, electrification and industrial activity
- Grid readiness, system flexibility and the need for reliable, fast-deployable and efficient power supply
- Security of supply in the new power demand era, including the need for sufficient dispatchable capacity, efficiency and flexibility
- Flexibility, availability, efficiency and lifetime of assets under evolving operating regimes
- Energy efficiency, fuel saving, emissions reduction, waste heat recovery and power augmentation
- Supply-chain resilience, MRO strategies and management of existing and ageing assets
- Industrial readiness, system integration and qualification of future energy supply chains, including nuclear supply-chain capability

Main thematic areas include:

- New power demand, grid readiness and fast-deployable power supply solutions
- Advanced power generation systems, turbomachinery and dispatchable capacity
- Power augmentation, energy efficiency, fuel saving, emissions reduction and waste heat recovery
- Asset lifetime, flexible operation, predictive maintenance, MRO and supply-chain resilience
- Legacy asset management, repair strategies, spare-parts availability and lifecycle support
- Nuclear energy, including SMRs, industrial readiness and supply-chain qualification
- System integration, grid support, flexibility and reliability under evolving operating regimes
- HSE, quality, workforce development and emerging skills in the energy sector

Sessions will be built around concrete industrial challenges, including:

- Meeting new power demand: grid readiness, fast-deployable capacity and efficient power supply
- Keeping dispatchable power reliable, flexible and investable
- Energy efficiency, fuel saving, emissions reduction and power augmentation
- Extending asset life under flexible and cyclic operation
- Legacy assets, supply-chain resilience and MRO strategies
- Nuclear industrial readiness and supply-chain capability

MEGAWATT EXHIBITION & CONFERENCE 2026 – CONFERENCE PROGRAMME

DAY 1 – New Power Demand, Dispatchable Capacity and Efficiency

08:00 - 09:00 | Registration, coffee and exhibition opening 08:30

09:00 - 10:30 | Industrial Challenge & Solution Session 1: Meeting New Power Demand: Reliability, Flexibility and Deployment Expectations for Existing and New Power Assets

Objective: Explore how fast-growing power demand from AI, data centres, electrification and industrial activity is reshaping requirements for reliable, efficient and fast-deployable power supply. **Gas Turbine World** will set the scene with a global market outlook, followed by **ETN Global** framing the specific urgent needs of distinct end-user segments (utilities, industrial users, oil & gas operators, and pipeline companies). GT OEMs will then discuss how existing and new assets can meet these rising expectations for fast-deployable capacity, grid support, operational resilience, emissions performance and future fuel flexibility.

09:00 - 09:05 | Session Introduction: Aligning the New Power Demand Landscape with Technology Solutions - *Christer Björkqvist, ETN Global*

09:05 - 09:20 | Market Insight: Global Gas Turbine Market Outlook – *David R. Hetherington, President - McCoy Power Reports / Gas Turbine World*

09:20 - 09:35 | Challenge Framing: User Communities' Urgent Needs - Utilities, Industrial Users, Oil & Gas and Pipelines *- ETN Global*

09:35 - 10:25 | Moderated Panel Discussion with OEMs: From Market Demand to Technology solutions: *Gianluca Bartolini, Strategy & Growth Manager, Power Generation - Baker Hughes, Arrighetti Paolo, SVP Strategic Marketing and Corporate Initiatives - Ansaldo Energia, Davide Di Stasio, Managing Director Gas Power Services South Europe - GE Vernova, Dino Pezzella, EU Sales Director - Mitsubishi Power, Åsa Lyckström, Executive Board Member and Sustainability Officer - Siemens Energy Sweeden*

10:25 - 10:30 | Key takeaways: Bridging the Demand-Delivery Gap across Cross-Sector Portfolios.

10:30 - 11:00 | Coffee break Sponsored by Atla and exhibition visit

11:00 - 11:30 | Opening Ceremony

11:30 - 11:50 | OPENING KEYNOTE - Energy Security, New Power Demand and Role of Dispatchable Power
Shared Challenges, Joint Actions: Meeting new power demand through increased collaboration - *Christer Björkqvist, Founder and Managing Director - ETN Global*
Policy Priorities and National Strategy – *Marcello Capra, Senior Advisor, Ministry of Environment and Energy Security, EU SET Plan and Horizon Europe Delegate*

11:50 - 12:45 | KEYNOTE PANEL – Multi-stakeholder perspectives | EDISON | SORGENIA | ANSALDO ENERGIA | ACCIAIERIE VENETE
Security, Affordability and Decarbonisation: What Comes First in the New Power Demand Era?
Lorenzo Mottura, Executive Vice President Strategy, Corporate Development & Innovation – EDISON, Claudio Moscardini, Managing Director of Power Assets and Energy Management – SORGENIA, Luca Buzzoni, Head of Service Engineering - Ansaldo Energia, Francesco Semino, Director of External Relations and CSO - Acciaierie Venete & Councilor FEDERACCIAI

12:45 - 14:00 | Lunch and exhibition networking

14:00 - 15:30 | Industrial Challenge & Solution Session 2: Keeping Dispatchable Power Reliable, Flexible and Investable

Objective: Identify how dispatchable thermal assets can support system reliability in a more volatile power system while facing more starts, faster ramping, lower minimum load, part-load emissions constraints and tighter availability

expectations. The session will highlight practical solutions that can be deployed in existing and new plants to maintain reliability, flexibility, efficiency and lifetime.

14:00 - 14:05 | User Challenge introduction: Maintaining reliability and investment confidence under more flexible operation – *ETN Global*

14:05 - 14:20 | Challenge Framing: Thermal Assets Performance, Flexibility & Energy Storage - *Walter Gaggioli, Head of Smart Sector Integration and Distributed Generation Division - ENEA*

14:20 - 14:35 | Solution Pitch: Integrated Emissions and Acoustic Control for Flexible GT Power Generation - *Hans van Essen, Senior Director Global - Aarding Thermal Acoustics*

14:35 - 14:50 | Control Optimisation Pitch: Gas turbine control solutions for flexible market operation - *Hennie Tempelman, General Manager – Holland-Controls*

14:50 - 15:05 | Plant Flexibility Solution Pitch: Flexible HRSG Design for Modern Combined Cycle Power Plants - *Meüs van der Poel, Sales Manager - NEM Energy Group*

15:05 - 15:25 | Moderated Panel Discussion: From operational challenge to investable solutions

15:25 - 15:30 | Key takeaways: User requirements for reliable and flexible operation, deployment barriers, practical solutions and collaboration opportunities

15:30 - 16:00 | Aperitif Sponsored by NL Paesi Bassi and exhibition visit

16:00 - 17:30 | Industrial Challenge & Solution Session 3: Energy Efficiency, Fuel Saving, Emissions Reduction and Power Augmentation

Objective: Explore practical solutions that improve the performance of existing and new assets, reduce fuel use and emissions, support flexible operation, increase output where needed and strengthen the case for near-term deployment up to 2030.

16:00 - 16:05 | User Challenge Introduction: Improving efficiency, output and emissions performance under changing operating requirements - *ETN Global*

16:05 - 16:20 | Power Producer Case Study: Recovering CCPP Performance: How Cooling Technology, Plant Configuration and Site Conditions Affect Output and Efficiency – *Kahraman Coban, Project Manager - Enerjisa Üretim*

16:20 - 16:35 | Emission Reduction Pitch: Delivering Emission Reduction and Fuel Flexibility - *Johan Leirnes, Green Fuel Product Manager, Gas Turbines - Siemens Energy*

16:35 - 16:50 | Waste Heat Recovery Solution Pitch: Maximising Efficiency in Gas Turbine-Powered Data Centres through Integrated Turnkey ORC Waste Heat Recovery Solutions – *Giovanni Gaslini, Sales manager heat recovery - Exergy International & Paolo Giani, Commercial Director SON*

16:50 - 17:05 | Waste Heat Recovery Solution Pitch: Unlocking Waste Heat Potential in Gas Turbines: Air Bottoming Cycle as a Low-Complexity Cost-Effective Solution – *Lorenzo Toni, Product Leader - Baker Hughes*

17:05 - 17:20 | Power Augmentation Solution Pitch: Meeting Grid Demand Faster: Enhancing Gas Turbine Output with Wet Compression Retrofits – *Arda Sapankaya, Executive, Eastern Hemisphere - MeeFog/ Mee Industries*

17:20 - 17:40 | Moderated Discussion: What can be deployed by 2030, what still needs validation and what should be discussed further at the expo stands

17:40 - 17:45 | Key takeaways: User requirements, deployment barriers, practical solutions and collaboration opportunities for efficiency, emissions reduction and output improvement

17:45 - 18:30 | Exhibition walk / networking reception

DAY 2 – Asset Lifetime, MRO and Supply-Chain Readiness

09:00 - 11:55 | Industrial Challenge & Solution Session 4: Extending Asset Life Under Flexible and Cyclic Operation

Objective: Address how ageing and increasingly cyclic thermal assets can remain safe, available and economically viable under new operating regimes. The session will focus on lifetime assessment, inspection strategies, predictive analytics, upgrades, repair options, outage planning and practical decision-making between repair, retrofit, repowering and replacement.

09:00 - 09:05 | User Challenge Introduction: Managing lifetime and availability risk under more flexible and cyclic operating regimes – *ETN Global*

09:05 - 10:30 | Industrial Challenge & Solution Session 4.1: Lifetime Extension, Upgrades & Retrofit

09:05 - 09:15 | Challenge Framing: Lifetime Extension in Flexible Markets - *Radoslaw Wisniewski, Head of Design Engineering - ACWA Field Services*

09:15 - 09:30 | Lifetime Assessment Pitch 1: Lifetime rotor extension opportunities – *Emanuele Innocente, Application Manager - Ethos Energy*

09:30 – 9:45 | Lifetime Assessment Pitch 2: Component assessment and lifetime extension hot sections parts – *Juan Pascual, Global Manufacturing Manager - MD&A*

09:45 - 10:00 | Upgrade & Retrofit Solution Pitch: Unlocking Flexibility from the Existing Gas Turbine Fleet - Combustion Upgrades, Turndown, and Fuel Flexibility – *Dan Leggett, Managing Director - PSM / Hanwha Power Systems*

10:00 - 10:20 | Moderated Discussion: Lifetime, availability, risk and investment choices under new operating regimes

10:20 - 10:50 | Coffee break Sponsored by Master Chemical and exhibition visit

10:50 - 11:55 | Industrial Challenge & Solution Session 4.2: Asset Reliability & Predictive Maintenance

10:50 - 11:05 | Challenge Framing : Meeting the Challenges of Predictive Analytics for Aging and Cycling CCGTs - *Massimiliano D'Angelo, Predictive Maintenance and Reliability Engineer - A2A*

11:05 - 11:20 | Operational Case Study: Predictive Analytics for Peaker Plants: Lessons Learned from 60+ LM6000 Units *– Grahame Martin, Vice President of EMEA & APAC – PROENERGY*

11:20 – 11:35 | Reliability Solution Pitch: Gas Power Plants Reliability in the AI era - *Alberto Garcia Lopez, Regional Sales Leader GE Vernova*

11:35 - 11:50 | Moderated Discussion: Lifetime, availability, risk and investment choices under new operating regimes

11:50 - 11:55 | Key takeaways: User requirements, deployment barriers, practical solutions and collaboration opportunities for lifetime, availability and risk management

11:55 - 12:55 |Industrial Challenge & Solution Session 5: Nuclear Industrial Readiness and Supply-Chain Capability

Objective: Present practical enabling capabilities for nuclear industrial readiness, supplier qualification, conformity assessment and manufacturing supply-chain development in support of SMRs and future nuclear programmes.

11:55 - 12:10 | User Challenge Introduction: Bridging research, innovation and industrial capabilities to support the development and deployment of next-generation nuclear technologies – *Marcello Capra, Senior Advisor, Ministry of Environment and Energy Security, EU SET Plan and Horizon Europe Delegate.*

12:10 - 12:25 | Industrial Readiness Framing: Building an Italian Nuclear Supply Chain for SMRs and New Nuclear Programmes: Challenges, Capabilities and Industrial Readiness – *Massimo Sorlino, Procurement - Ansaldo Nucleare*

12:25 - 12:40 | Supply Chain Readiness Pitch: Supplying Critical Items for the European Nuclear Sector - *Marco Rota, CEO, Brembana & Rolle*

12:40 - 12:55 | Supply Chain Readiness Pitch: Conformity Assessment as an Enabler for the Italian Manufacturing Supply Chain in Nuclear Energy – *Paolo Gianoglio, CEO OMECO & Corporate Compliance, Regulatory, Innovation Director - ICIM Group*

12:55 - 14:00 | Lunch and exhibition networking

14:00 - 15:30 | Industrial Challenge & Solution Session 6: Legacy Assets, Supply Chain and MRO Strategies

Objective: Explore how users can maintain availability and manage operational risk when ageing fleets, spare-parts lead times, service-model constraints, repair limitations, skills shortages and supply-chain uncertainty increase exposure. The session will examine practical MRO, repair, component assessment, fulfilment and lifecycle strategies that can reduce downtime, improve repairability and strengthen supply-chain confidence.

14:00 - 14:05 | User Challenge Introduction: Keeping ageing fleets available despite repair, spare-parts and MRO constraints – *ETN Global*

14:05 - 14:20 | User Challenge Framing: Operational Challenges in Ageing Steam Turbine Fleets – *Radoslaw Wisniewski, Head of Design Engineering - ACWA Field Services*

14:20 – 14:35 | Reliability Solution Pitch: Oil Filtration and Fluid Maintenance for Improved Gas Turbine Reliability – *Matteo Mazzuoli, Maintenance Engineering Expert – A2A, Roberto Del Borrello, Chemical Expert A2A & Elisabetta Piana, General Manager - Karberg & Hennemann*

14:35 - 14:50 | MRO Solution Pitch: Repair, component design – *Saed Rezaei, Senior Materials Engineer Rotating Equipment Services - Sulzer*

14:50 - 15:05 | Manufacturing and Repair Solution Pitch: Scaling Gas Turbine Manufacturing and Repair Through Adaptive Robotic Processing – *Michael Muldoon, CTO - AV&R*

15:05 - 15:15 | Supply-Chain Solution Pitch: Managing Uncertainty: The Strategic Role of Fulfilment in the Modern Supply Chain – *Elio Di Giovanni, Director Business Unit BPO and Vittorio Bogani, Sales Account - Basis Plant Services*

15:15 - 15:35 | Moderated Discussion & Key Takeaways: How to reduce downtime, improve repairability and strengthen supply-chain confidence

15:35 - 15:50 | Closing Reality Check: From Near-Term Solutions to Future Priorities - What can be implemented by 2030 and what requires further collaboration?

Objective: Close the conference by identifying the key priorities that should guide industry action, collaboration and R&D over the next 3-5 years. Gaps identified during the conference can be addressed through ETN Global's platform, including its Working Groups, user community and collaborative initiatives. Progress on near-term solutions with clear deployment potential can then be disseminated at the next MEGAWATT Conference.

15:50 - 17:00 | Final exhibition visit and closing networking

PARALLEL SESSIONS

DAY 1 – 18 NOVEMBER 2026

14:30 – 15:20 | User-Industry Debate: Industrial Safety & Workforce in the Energy Transition
EDISON | ALTENIA | ANSALDO ENERGIA |SIKURO
Cristiano Isidoro Valiante, Health Safety Environment & Quality Manager - EDISON, Federica Tosi, HSE Coordinator EPC - Altenia Energy, Gianluca Mallus, HSE Manager - ANSALDO ENERGIA Switzerland, Moderator: Walter Licini CEO - SIKURO (Session conducted in Italian)

Objective: Explore how safety can be effectively managed across the entire energy value chain, from suppliers and EPC contractors to OEMs and plant operators. As projects become more complex and digital technologies reshape industrial operations, the session will examine practical strategies to strengthen safety leadership, improve collaboration, reduce operational risk and foster a shared culture of responsibility throughout the lifecycle of power generation assets.

15:30 – 16:00 | TECHNICAL SESSION – CCUS & DIGITAL MONITORING
Digitalization and AI Interpretation of Schematics for CCS MMV Operations - *Karan Sonawane, Digital Product Manager leading CCUS - Baker Hughes*

DAY 2 – 19 NOVEMBER 2026

11:00 – 11:30 | TECHNICAL SESSION - BECCS & NEGATIVE EMISSIONS
The Status of BECCS with Oxy-Combustion: A Pathway to Negative CO_2 Emissions - *Grzegorz Szastok, Commercial Vice President, Europe - Sumitomo SHI FW Energia Polska Sp. z o.o.*

11:30 – 12:00 | TECHNICAL SESSION – CCUS & DIGITAL MONITORING
AI-Driven Fiber Data Analytics for CO_2 Monitoring in CCUS Digital – *Akshay Mehta, Lead Software Architect – Baker Hughes*

12:10 – 12:30 | INDUSTRY & REGULATORY UPDATE - The energy market landscape and optimisation opportunities for hydropower producers – Paolo Picco, President – *Federidroelettrica* (Presentation in Italian)

14:00 – 14:20 | Univeristy & Reseach Pitch: The role of fluid-machinery and systems innovation in the energy transition - *Prof. Angelo Onorati, Vice President - AIMSEA*

14:30 – 15:30 | University Energy Challenge – EDISON PRIZE
Young Talents Presenting the Future of Energy



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