

CALL FOR PRESENTATIONS: HEAT RECOVERY STEAM GENERATOR USER GROUP 2024

Institution of
**MECHANICAL
ENGINEERS**

6-7 November 2024

Midlands, UK

www.imeche.org/hrsg

Power Industries Division
Conference

CALL FOR PRESENTATIONS:

Submit your abstract today to ensure your research or case study is considered for this biennial user group.

Submission deadline: 29 April 2024



HEAT RECOVERY STEAM GENERATOR USER GROUP 2024

6-7 November 2024, Midlands

The two-day Heat Recovery Steam Generator User Group is the next in this popular series of the Institution's power generation user groups.

This event will enable those involved in the management, operation and maintenance of steam turbines and generators, to discuss common problems and issues, exchange

ideas, identify potential solutions and learn about new developments.

We invite you to share your experiences and provide a basis for discussion and debate by making a 30 minute presentation to delegates. Presentations should offer practical examples of issues encountered, how they were resolved or how improvements were made.

TOPICS TO BE ADDRESSED:

- Challenges of operating CCGTs in current market conditions
- HRSG Ancillary Service markets - effects on HRSG integrity and process safety
- Chemistry control, flow-assisted corrosion, dewpoint corrosion, preservation and mothballing
- Effects of extensive two-shift operation on inspection scope, PSSR and structural/casing integrity
- Effects of flexible/part load and low load operations on lifecycle management
- Repowering, Plant Upgrades, Refurbishment and Assessment
- Management of high temperature components - Grade 91 experience
- Major Plant Component Replacements and Repair
- Process design and integration of new technology into existing CCGT systems
- New CCGT design considerations (including next generation large scale >375MW units)
- Balance of plant issues
- Attemperation and steam turbine bypass systems
- Plant failures – lessons learnt, material issues, quality assurance
- Duct burner issues
- Ageing plant issues: Life assessment and plant life extension
- The future - CCS and hydrogen rich fuels
- Safety and ALARP
- New UKCA Accreditation
- Quality management and/or Counterfeit, Fraudulent and Suspect Items (CSFI)
- Power industry skills shortages and competency
- Hydrogen rich fuels: Effects on balance of plant, current and future
- Cyber Security

HOW TO SUBMIT

Your summary should outline the contents of a 30 minute presentation and should include the following information:

- Your full name and contact details
- A working title for your presentation
- A 150 word summary of the topic/case study that you intend to cover and its application within industry

Visit: www.imeche.org/hrsg

Alternatively, contact us on

+44 (0)20 7973 1251

or email eventconcepts@imeche.org

Please submit your summary before

29 April 2024

SPONSORSHIP OPPORTUNITIES

Why not enhance your brand awareness through our range of sponsorship and exhibition opportunities available at this user group?

For more information please call +44 (0)773 439 5273 or email daniel.anglin@imeche.org