



POWER-GEN **ASIA**

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MARINA BAY SANDS, SINGAPORE
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PRE-SHOW GUIDE

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Session 8: Combined Cycle Technologies

Session focused on state-of-the-art gas fired combined cycle technologies from the world's major suppliers.

Chair: Charles Diestel, Vice President, Samsung C & T Corporation, South Korea

'Advanced-class' combined cycle power plants - fit for the Singapore power market

Trevor Kilbey, Sales Manager, Alstom Power Ltd, Switzerland
Co-Authors: Mark Stevans, Product Manager, Alstom (Switzerland) Ltd, Switzerland; Remy Guillemet, Sales Director, Alstom Power Malaysia Ltd, Malaysia

Highly flexible and reliable CCGP for future market demand in Asia

Ayed Fattah, President GT Power Plant Solutions MEA, Asia-Pacific, India Energy Solutions, Siemens AG, Germany
Co-Author: Markus Speith, Vice President Sales GT Power Plant Solutions South Asia, South East Asia and Pacific, Siemens AG, Germany

A combined cycle solution: modular plant design

Edward Wacek, Senior Product Manager, GE, USA
Co-Author: Robert Moreau, Platform Manager Industrial Power Generation Manager, GE Oil & Gas, USA

Session 8: Water Chemistry & Conservation

Session on the important water-chemistry and water savings technologies and applications employed in power plants.

Chair: Rajeev Kishore, Vice President Technology South Asia, ABB, India

The mitigation of flow-accelerated corrosion in power plants – best available practice

Luis Carvalho, Principal Engineer, GE Water & Process Technologies, Canada

Application of condensate polishing in industrial water treatment

Sayed Hossein Miri, Engineer, Mapna, Iran

Cooling water treatment - conventional vs. geothermal systems

Chris Lee, Regional Technical Manager, GE Water & Process Technologies, Malaysia

Co-Author: Veena Surve, Microbiologist, GE Betz Singapore Pte Ltd, Singapore

Research on water saving technologies in thermal power plants

Huaqiang Hu, Principal Engineer of Civil & Hydraulic Branch of Power Generation Consultancy & Engineering Department, Jiangsu Electric Power Design Institute, P.R.China

Co-Authors: Tao Liang, Engineer of Civil & Hydraulic Branch of Power Generation Consultancy & Engineering Department; Yiming Zhu, Director of Civil & Hydraulic Branch of Power Generation Consultancy & Engineering Department; Xiaohong You, Principal Engineer of Mechanical Branch of Power Generation Consultancy & Engineering Department - Jiangsu Electric Power Design Institute, P.R. China

Networking Coffee Break

Session 9: Novel Technologies & Valuable Case Studies

Session on new technologies that have not yet been implemented either at all or at scale and case studies of note.

Chair: Saji Raghavan, Country President, Alstom Asia Pacific Sdn Bhd, Malaysia

Coal upgrading technologies

Derheta Wagenaar, Snr Power Consultant, SKM, Australia

Heavy-fuelled gas turbines in power generation: The LTL CCGT at Kerawalapitiya, Sri Lanka as a paradigmatic plant

Michel Moliere, Principal Engineer, GE Energy Products-Europe, France

Co-Authors: Nuhuman Marikkar, Chief Operations Officer, LTL Holdings (Pvt) Ltd., Sri Lanka; Laurent Bredin, Project Manager, GE Energy Products-Europe France

Fluidized bed low rank coal drying: Great River Energy's Coal Creek Station experience and new unit integration

Representative from Worley Parsons

Retrofit of Boryeong coal-fired power plant unit 1 & 2

Seongwoo Yi, Assistant Manager, Korea Midland Power Co. Ltd., South Korea

Co-Authors: Hyoung Guk Lee, Manager; Keun-Soo Yoon, Manager - Korea Midland Power Co. Ltd., South Korea

Session 9: Oils and Lubrication

Session on oils and lubricants, their application challenges and their scientific development.

Chair: Eric Lassurguere, Regional Manager, PB (Power Group), Thailand

Lubrication science – meeting the latest challenges

Ronald Bakker, Senior Product Application Specialist, Shell Global Solutions, The Netherlands

Co-Author: Peter Smith, Technology Manager, Shell Global Solutions, Germany

Optimization of lubricating oils in cogeneration power plants

Andy Sitton, Laboratory Manager, Focuslab Ltd., Thailand

Co-Author: Thanant Sirisithichote, Managing Director, Focuslab Ltd., Thailand

Optimized oil conditioning for steam turbines

David Kolstad, Engineering & Business Development, Pentair, USA

* Invited / To be confirmed

Closing Reception & Best Paper Awards