



ABHUG 2021

IAPWS Australasian Boilers & HRSG Users Group
Virtual Conference
16 - 18 November 2021



ABHUG2021 AGENDA / PROGRAMME

All times on the Agenda are: 8am - 10.45am AEST (Brisbane)

Which is equivalent to: 11am - 1.45pm NZDT (Auckland)
9am - 11.45am AEDT (Sydney, Melbourne)
6am - 8.45am AWST (Perth)

Each presentation has a 25 minute time slot which includes time for questions / answers

Day 1 – Tuesday, 16th November 2021 times are Brisbane-based time zone

- 8:00 to 8:10 **Opening Remarks.**
B. Dooley Structural Integrity, UK and R. Anderson Competitive Power Resources, USA.
- 8:10 to 8:35 **Swanbank - An Update on the Challenges being Experienced During the Transition to a Renewable Economy.**
J. Blake and M. Sands, CleanCo Queensland Limited, Australia.
- 8:35 to 9:00 **Management of Corrosion Fatigue at Liddell Power Station.**
Md. Mahmud, M. R. Ratheesh, R. Lang, S. Taylor and S. D. Mann, AGL Energy, Australia.
- 9:00 to 9:20 **Questions / Answers and General Open Discussion**
Sponsors Presentations
- 9:20 to 9:45 **Introduction to Electrode Boilers – Pros, Cons and Issues.**
D. Addison, Thermal Chemistry, New Zealand.
- 9:45 to 10:10 **IAPWS / Chemistry Updates including Film Forming Substances (FFS).**
B. Dooley, Structural Integrity, UK.
- 10:10 to 10:45 **Questions / Answers and General Open Discussion**
Sponsors Presentations
- 10:45 Day 1 Concludes**

Day 2 – Wednesday, 17th November 2021 times are Brisbane-based time zone

- 8:00 to 8:10 **Day 2 Remarks.**
B. Dooley Structural Integrity, UK and R. Anderson Competitive Power Resources, USA.
- 8:10 to 8:35 **Introduction to INPEX ILNG CCGP: 2 Years of Operation.**
B. Ho and M. Jance, INPEX, Perth, Australia.
- 8:35 to 9:00 **Mechanism and Root Cause of Boiler Overload Failure.**
G. Visser and D. Ross, ALS Global, Australia.
- 9:00 to 9:20 **Questions / Answers and General Open Discussion**
Sponsors Presentations
- 9:20 to 9:45 **Minimal Chemistry Instrumentation Required for the Safe Operation of a Power/Cogen Plant.**
K. Buecher, Mettler-Toledo, USA.
- 9:45 to 10:10 **Effect of Gas Turbines Upgrades on HRSG Performance, Operation and Reliability.**
E. Almberg and L. Stanley, HRST, USA.
- 10:10 to 10:35 **Update on HP Bypass Erosion.**
R. Anderson, Competitive Power Resources, USA.
- 10:35 to 10:45 **Questions / Answers and General Open Discussion**
Sponsors Presentations
- 10:45 Day 2 Concludes**

Day 3 – Thursday, 18th November 2021 times are Brisbane-based time zone

- 8:00 to 8:10 **Day 3 Remarks.**
B. Dooley Structural Integrity, UK and R. Anderson Competitive Power Resources, USA.
- 8:10 to 8:35 **Collie Power Station Flexibility Improvements.**
Y. Tian, Synergy, Australia.
- 8:35 to 9:00 **Boiler Feedwater Contamination Incident at Rio Tinto.**
S. Gree, Rio Tinto, Gladstone, Australia.
- 9:00 to 9:20 **Questions / Answers and General Open Discussion**
Sponsors Presentations
- 9:20 to 9:45 **Selecting Which CUI Inspection Technology Should be Used.**
D. Bell, IRISNDT, Australia.
- 9:45 to 10:10 **FAC Assessment at AGL's Bayswater.**
M. Harris, AGL, Melbourne, Australia.
- 10:10 to 10:35 **FEA and Creep-Fatigue Crack Growth in Headers Subject to Flexible Operation.**
D. Blanks, Quest Integrity, Australia.
- 10:35 to 10:45 **Questions / Answers and General Open Discussion**
Sponsors Presentations
- 10:45 **Day 3 Concludes**