



# ABHUG 2021

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



## ABHUG2021 AGENDA / PROGRAMME

**All times on the Agenda are: 8am - 11.00am AEST (Brisbane)**

Which is equivalent to: 11am - 2.00pm NZDT (Auckland)  
9am - 12.00noon AEDT (Sydney, Melbourne)  
6am - 9.00am AWST (Perth)

**Each presentation has a 25 minute time slot which includes time for questions / answers  
Each sponsor presentation has a 10 minute slot**

### 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 Presentation - Duff & Macintosh/Sentry, N Leonard**
- 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 11.00 **Questions / Answers and General Open Discussion**  
**Sponsors Presentations - Ecolab, D Rodman; HRL, P McPhee**
- 11:00 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 CCPP: 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 9:30 **Questions / Answers and General Open Discussion**  
**Sponsors Presentations - HRST Inc, L Stanley; RTR GmbH, R Collins**
- 9:30 to 9:55 **Minimal Chemistry Instrumentation Required for the Safe Operation of a Power/Cogen Plant.**  
K. Buecher, Mettler-Toledo, USA.
- 9:55 to 10:20 **Effect of Gas Turbines Upgrades on HRSG Performance, Operation and Reliability.**  
E. AlMBERG and L. Stanley, HRST, USA.
- 10:20 to 10:45 **Update on HP Bypass Erosion.**  
R. Anderson, Competitive Power Resources, USA.
- 10:45 to 11:05 **Questions / Answers and General Open Discussion**  
**Sponsors Presentations - SWAN Australia, C Wellard; Water Treatment Services, L Hough**
- 11:05 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 9:30 **Questions / Answers and General Open Discussion**  
**Sponsors Presentations - Anodamine Australia, J O'Rourke; Mettler Toledo, S Jordan Hill**
- 9:30 to 9:55 **Selecting Which CUI Inspection Technology Should be Used.**  
D. Bell, IRISNDT, Australia.
- 9:55 to 10:20 **FAC Assessment at AGL's Bayswater.**  
M. Harris, AGL, Melbourne, Australia.
- 10:20 to 10:45 **FEA and Creep-Fatigue Crack Growth in Headers Subject to Flexible Operation.**  
D. Blanks, Quest Integrity, Australia.
- 10:45 to 11:00 **Questions / Answers and General Open Discussion**  
**Sponsors Presentation - Energy Plant Solutions, B Stephenson**
- 11:00 Day 3 Concludes**