



AHUG 2018

Australasian HRSG Users Group
Conference and Workshops



13 - 15 November 2018 - Brisbane

Program

Day 1 – Tuesday, 13th November

- 7:45 **Registration**
- 8:30 to 8:40 **Opening Remarks**
B. Dooley Structural Integrity,
UK and R. Anderson Competitive
Power Resources, USA
- 8:40 to 9:10 **NewGen Power Station – Reheater
and Duct Firing Optimisation**
L. Mosele and J. Spencer, NewGen
Kwinana Power Station,
Western Australia
- 9:10 to 9:40 **HP Main Stop Valve Cracking**
A. Zunker, PEI, New Zealand
- 9:40 to 10:10 **Morning coffee/tea within exhibits**
- 10:10 to 10:40 **HRSO Steam Drum: Inspection
and Assessment**
C. Jones and C. Thomas, Quest
Integrity, Australia and New Zealand
- 10:40 to 11:10 **Swanbank - Return to Service
after Three Years Storage and New
Flexible Operation**
J. Blake and M. Sands, Stanwell
Corporation, Queensland,
Australia
- 11:10 to 12:00 **General Open Floor Discussion
and Questions**
- 12:00 to 13:30 **Working Lunch within Exhibits**
- 13:30 to 14:00 **Film Forming Substances and Air
In-leakage - The IAPWS Updates**
B. Dooley, Structural Integrity, UK,
H. Henderson, AGL, Australia and
G. Joy, Retired Australia

- 14:00 to 14:30 **Contamination Ingress Pathways
or CCGT Plants – Cycle Chemistry
Contamination Risks and How
to Manage**
D. Addison, Thermal Chemistry,
New Zealand
- 14:30 to 15:00 **Plant Update and Floor Discussion**
- 15:00 to 15:30 **Afternoon coffee/tea within exhibits**
- 15:30 to 16:00 **Recent Reheater Tube Failures**
S. Gomez, BBE, Spain, R. Anderson,
Competitive Power Resources, USA and
B. Dooley, Structural Integrity, UK
- 16:00 to 16:30 **Achieving Optimal Performance of
Desuperheaters and Attemperators**
T.B. Added
- 16:30 to 17:00 **General Open Floor Discussion
and Questions**
- 17:00 **Day 1 Concludes
Networking, Social Gathering
and Drinks within Exhibits Brisbane
Evening**

Day 2 – Wednesday, 14th November

- 8:00 to 8:15 **Exhibitor Overview Presentations**
- 8:15 to 10:00 **HRSO Workshop**
Optimum Operation of Steam
Turbine Bypass Systems
Chaired by R. Anderson, Competitive
Power Resources, USA
With Contributions from Fisher Flow
Controls, USA and IMI CCI, USA



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Program continued . . .

10:00 to 10:30 **Morning coffee/tea within exhibits**

10:30 to 11:00 **Inspection of HRSG after Four Years Service**
M. Magnowski, APA, Queensland, Australia

11:00 to 11:30 **What is High Pressure Pipe Flexibility Analysis and Why is it needed as part of a more Targeted Inspection Regime for Improved HRSG/Combined Cycle Asset Management**
S. Lloyd, ALS, Australia

11:30 to 12:00 **A Conversation, HRSG and Steam Turbine**
J. Roberts, Jacobs, Australia

12:00 to 13:30 **Working Lunch within exhibits**

13:30 to 14:00 **HP Boiler Drum Replacement**
S. Gupta, Tallawarra, Australia

14:00 to 14:30 **Update on Field Experiences with the Online Corrosion Product Sampling Analyzer for Fe and Cu, 2018**
T. Maatta, MEP Instruments, Gladesville, NSW, Australia

14:30 to 15:00 **General Open Floor Discussion and Questions**

15:00 to 15:30 **Afternoon coffee/tea within exhibits**

15:30 to 16:30 **International Experiences**
International Experience on HRSG Cycle Chemistry Control and FAC
B. Dooley, Structural Integrity, UK
International Experience on HRSG Thermal Assessments
R. Anderson, Competitive Power Resources, USA

16:30 to 17:00 **General Open Floor Discussion and Questions**

17:00 **Day 2 Concludes**

Day 3 – Thursday, 15th November

8:00 to 8:10 **Review of Day Two, General Open Floor Discussion and Questions**

8:10 to 10:00 **HRSG Workshop**
Corrosion Under Insulation - The Mechanism, Susceptible Insulation Materials and the Latest Detection Tools – CUI is Difficult to Find because of the Insulation that Masks the Problem until it is Too Late
D. Franke, C. Perrie, L. Caldwell and A. Abolis, ALS, Australia

10:00 to 10:30 **Morning coffee/tea within exhibits**

10:30 to 11:00 **Cockburn Power Station Update**
K. Newman, Synergy, Australia

11:00 to 11:30 **Interesting Advanced Ultrasonic Projects - Validation**
C. Jones and C. Thomas, Quest Integrity, Australia and New Zealand

11:30 to 12:00 **General Open Floor Discussion and Questions**

12:00 to 14:00 **Working Lunch within exhibits**

14:00 **Day 3 Concludes**