



AHUG 2018

Australasian HRSG Users Group
Conference and Workshops



13 - 15 November 2018 - Brisbane

Program

Day 1 – Tuesday, 13th November

7:45	Registration	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
8:30 to 8:40	Opening Remarks B. Dooley Structural Integrity, UK and R. Anderson Competitive Power Resources, USA	14:30 to 15:00	Plant Update and Floor Discussion
8:40 to 9:10	NewGen Power Station – Reheater and Duct Firing Optimisation L. Mosele and J. Spencer, NewGen Kwinana Power Station, Western Australia	15:00 to 15:30	Afternoon coffee/tea within exhibits
9:10 to 9:40	HP Main Stop Valve Cracking A. Lashin, Contact Energy, New Zealand and A. Zunker, PEI, New Zealand	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
9:40 to 10:10	Morning coffee/tea within exhibits	16:00 to 16:30	Achieving Optimal Performance of Desuperheaters and Attemperators T.B.A
10:10 to 10:40	HRSB Steam Drum: Inspection and Assessment C. Jones and C. Thomas, Quest Integrity, Australia and New Zealand	16:30 to 17:00	General Open Floor Discussion and Questions
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	17:00	Day 1 Concludes Networking, Social Gathering and Drinks within Exhibits - Brisbane Evening
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		



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Program continued . . .

Day 2 – Wednesday, 14th November

- 8:00 to 8:15 **Exhibitor Overview Presentations**
- 8:15 to 10:00 **HRSG 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, Nihon
KOSO Co., Japan
- 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 **Update on Corrosion Fatigue in
Economiser Tubes and Outage Findings
at Te Rapa**
R. Meijer, Contact Energy, New Zealand.
- 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**