AUS APWS

AUSTRALIAN ASSOCIATION FOR THE PROPERTIES OF WATER & STEAM

25



# 2nd Biennial Conference

25 - 27 March 2025

The 2nd Biennial Conference will be held in Noosa at Peppers Resort and Villas and will provide the perfect backdrop to hold our technical discussions, networking opportunities and an exploration of emerging technologies.



AUS APWS 2025

## Pre-Conference – Monday 24th March 2025

**2:00 PM** **Welcome Drinks (Pepper's Terrace Bar until 4:00 PM)**

*Join us for a 'Welcome Drink' at the Terrace Bar and some bar snacks!*
*Collect your Drink Token at Registration*

Welcome Drink sponsored by: SWAN Analytical Instruments

## Day 1 - Tuesday 25th March 2025

**9:00 AM** **Registration Open -** Coffee Cart Sponsored by VEOLIA

**10:00 AM** **Session 1 – Welcome & AUSAPWS Update**

*Welcome: Power Station Introductions & Update*
D. McAllister – AUSAPWS

***Keynote:** New Zealand's Energy Transition and Use of Electrode Boilers*
*J. Jackson – Simply Energy (NZ)*

*Setting the Scene: Adapting to the Energy Transition*
M. Harris – AGL (VIC)

**Sponsor Presentation** – *Hach Pacific*

12:00 PM Working Lunch - Coffee Cart Sponsored by VEOLIA

**1:30 PM** **Session 2 – Film Forming Substances & Shutdown Protection**

*Technology Update: The latest on Film Forming Substances (FFS)*
David Addison – Thermal Chemistry (NZ)

*Case Study: Vales Point – FFS Introduction & Commissioning*
Mariah Browne – Delta Electricity (NSW)

*Plant Report: Stator Cooling Water Chemical Cleans*
A. Baume – AGL (SA)

*Case Study: AGL's Deep Dive into Filming Products*
M. Harris – AGL (VIC)

**Sponsor Presentation** – *Swan Analytical*

3:30 PM Afternoon Tea: Sponsored by Waltron
Coffee Cart Sponsored by VEOLIA

## Day 1 - Continued

**4:00 PM** **Session 3 – Unit Cycle Chemistry**

***Keynote**: Repeat Cycle Chemistry Challenges*
B. Dooley – Structural Integrity (UK)

*Technology Update: Instrumentation for Cycle Monitoring*
Z. Farkas – SWAN Analytical (NSW)

**5:15 PM** **Day 1 Conclusion**

**6:00 PM** **Conference Cocktail Function (Pepper's Resort until 7:30 PM)**

## Day 2 – Wednesday 26th March 2025

**8:30 AM** **Registration Open -** Coffee Cart Sponsored by VEOLIA

**9:00 AM** **Session 4 – Cooling Water Chemistry**

*Technology Update: Disinfection Generators – Chlorine and $ClO_2$*
T. Fillary - Visentia (NZ)

*Plant Update: Cooling Water Treatment Overhaul*
L. Halket – AGL (VIC)

*Non-Foaming Cleaner for Biofouled Surfaces*
B. Snodgrass –Veolia (VIC)

**Sponsor Presentation** – Duff & Macintosh

10:30 AM Morning Tea: Coffee Cart Sponsored by VEOLIA

**11:00 AM** **Session 5 – Flow Accelerated Corrosion with Barry Dooley**

***Keynote**: A Technical Review & Open-Floor Discussion of FAC*
*Featuring: Single Phase, Two-Phase and ACC FAC*
B. Dooley – Structural Integrity (UK)

1:00 PM Working Lunch - Coffee Cart Sponsored by VEOLIA

**2:30 PM** **Session 6 – Practical Applications**

*Plant Update: Implementing a HexChrome Management Strategy*
S. Ivory – Energy Australia (NSW)

*Scale Formation and Removal in RO and IX Systems*
*Dr. N. Zwaneveld* – Membrane Works (NSW)

*Strong Base Anion IX Resin Performance Monitoring for Low-level Sodium Leakage in Condensate Polishing Plants*
R. Bhavaraju – IXRO (NSW)

## Day 2 - Continued

3:30 PM — Afternoon Tea: Coffee Cart Sponsored by VEOLIA

**4:00 PM** — **Session 7 – Chemistry Technologies**

*IAPWS PPC Update*
D. McAllister & D. Addison – IAPWS PCC Working Group

*Plant Update: Demin & Polisher Control Systems Upgrade*
L. Halket – AGL (VIC)

*Technology Update: Electrode Boilers*
D. Addison – Thermal Chemistry (NZ)

**5:15 PM** — **Day 2 Conclusion**

**7:00 PM** — **Conference Dinner Function (Seasons Restaurant until 10:30 PM)**
*5/25 Hastings Street Noosa Heads*
Conference Dinner Sponsored by ECOLAB

## Day 3 – Thursday 27th March 2025

**8:30 AM** — **Registration Open -** Coffee Cart Sponsored by VEOLIA

**9:00 AM** — **Session 8 – Demin Water Workshop (Part I)**

*Introduction to Water Treatment Plant Technologies*
J. Weir – Thermal Chemistry (NZ)

*Interpretation of Resin analysis Results for Performance Monitoring & Troubleshooting*
D. Lau – LANXESS (Singapore)

10:30 AM — Morning Tea: Coffee Cart Sponsored by VEOLIA

**11:00 AM** — **Session 9 – Demin Water Workshop (Part II)**

*Operation Activities for IEX & RO/EDI*
*Instrumentation Recommendations*
J. Weir – Thermal Chemistry (NZ)

1:00 PM — Working Lunch - Coffee Cart Sponsored by VEOLIA

**2:00 PM** — **Day 3 Conference Conclusion**

*Submit your questions for the FAC Session and Demin Workshops*
ausapws@ausapws.org



AUS APWS 2025

**AUSAPWS is kindly supported by:**

***If you are interested in becoming a sponsor, please contact Rachel Washington at rachel@meccaconcepts.com.au for further information***

Keep up to date by visiting the AUSAPWS Conference Website

**REGISTER NOW!**

CONTACT US

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