

## 2017 CONFERENCE PROGRAM

### TUESDAY, 4 APRIL 2017

**7:30 AM – 5:00 PM**

Registration

**8:30 AM – 2:00 PM**

**Welcome Address**

*Ed Wilson – Managing Director, Wilson Transformer Company*

**Keynote Address**

*Paul Italiano – Chief Executive Officer, TransGrid*

**Managing the risk of aging transformers**

*Terence Lee & Terence Rademeyer, FM Global, Australia*

**Where does the air go?**

*Dave Hanson, TJH2b Analytical Services, USA*

**REFRESHMENT BREAK**

**Moisture in vacuum type tap-changers**

*Niklas Gustavsson, ABB Micafil, Sweden*

**Voltage regulating distribution transformer (VRDT)**

**-Use in grid planning & operation**

*Dr Thomas Smolka, Reinhausen, Australia*

**PANEL DISCUSSION: TAP CHANGER** *Facilitator – Peter Cole*

**NETWORKING LUNCH BREAK**

**2:00 PM – 5:30 PM**

**NEW PRODUCTS & SERVICES PRESENTATION BY SPONSORS**

**Optimized substation asset diagnostics**

*Maryam Khallaghi, OMICRON electronics, Australia*

**2016 Survey on Australian power transformer failure**

*Daniel Martin & Judith Marks, University of Queensland, Australia*

**REFRESHMENT BREAK**

**Instrument transformer failures due to internal vacuum**

**phenomena - Kerry Williams, K-BIK Power Pty Ltd, Australia**

**Overcoming major failure modes & risks – Manapouri Power**

**Station - Brent Wilson & Aaron Forde, Meridian Energy Limited, NZ**

### WEDNESDAY, 5 APRIL 2017

**8:00 AM – 8:10 AM**

Morning announcements

**8:10 AM -2:15 PM**

**Maintenance of in-service inhibited mineral insulating oils & inhibitor management**

*Chian Yaw, Nynas, Singapore*

**Performance & applications of gas to liquid based insulating oils in transformer service**

*Felix Guerzoni, Shell Shanghai Technology, China*

**Transformer failure investigations – what can be learnt?**

*Arne Petersen, AP Consulting, Australia*

**REFRESHMENT BREAK**

**Transformer health indices and probability of failure**

*Dr Tony McGrail, Doble Engineering, USA*

**Why offline bushing tests may not confirm alarms from online bushing monitoring system**

*Mark Tostrud, Dynamic Ratings, USA*

**Smart maintenance of power transformers**

*Cornelius Plath, OMICRON electronics GmbH, Austria*

**PANEL DISCUSSION: ASSET CONDITION MONITORING: ON-LINE OR OFF-LINE OR DOES IT REALLY MATTER?** *Facilitator – Kerry Williams*

**NETWORKING LUNCH BREAK**

**2:15 PM – 4:10 PM**

**Application of advanced product safety methods to enhance safety of people and increase plant reliability**

*Thomas Schuette, ABB MICALFIL Bushings, Switzerland & Rolf M. Zoellner, TÜV SÜD Industrie Service, Germany*

**Use of safety in design techniques**

*Guy Barnsley, Wilson Transformer Company, AUS*

**Investigation of Trans-Australian interconnections**

*Dr Simon Bartlett, University of Queensland, Australia*

**Closing Address**

*Dave Hanson, Chief Executive Officer, TJH2b Analytical Services*

### SOCIAL PROGRAM - TUESDAY, 4 APRIL 2017

**5:30 PM – 7:00 PM**

**NETWORKING DRINKS RECEPTION – EXHIBITION AREA, HILTON**

Proudly supported by Shanghai Huaming Power Equipment

**7:00 PM – 7:30 PM**

Transportation from Hilton to Dockside Cockle Bay Wharf

**7:30 PM – 10:30 PM**

**CONFERENCE DINNER – DOCKSIDE COCKLE BAY WHARF**

Proudly supported by ABB MICALFIL Switzerland & Sweden

**10:30 PM – 10:45 PM**

Transportation from Dockside Cockle Bay Wharf to Hilton