



## CIGRE AP A2 Transformers Panel Presents: "Transformers - Dealing with the Unforeseen - An Interactive Workshop"

MONDAY, 3 APRIL 2017 8:00am - 5:00pm



"DRAFT PROGRAMME"							
Time	Speaker	Company	Topic & Notes				
8:00am	REGISTRATION						
8:50am	Ross Willoughby	CIGRE AP A2 Convenor	Introductions & set the scene for the day. Explain how the day will run.				
9:00am	Gary Russell	Powerlink	What makes a good spec, issues that need to be considered, what is important & what is not, what if you need to change the spec during the contract period. Fit for purpose FAT, SAT and what is deemed as fit for service.				
9:20am	Bob Bagnara	Wilson Transformers	The contract framework from a user perspective. The key commercial terms and conditions. Loss, liability and the role of insurance. The Business Branding and Customer relationship. Warranty period responsibilities				
9:40am	Mohindar Pannu	Wilson Transformers	How to interpret a spec and design for the customer's needs. What if they change design needs during manufacture, what if you can't meet the spec requirements? Transformer operational duty (nameplate ratings versus operational reality)				
10:00am	Julian Guild	ABB Power Grids Div.	Manufacturing issues, delivery schedules, cost to expedite or delay a unit already in progress. What if something goes wrong in the process and needs to be rebuilt, Rebuild from test failure or in service failure.				
10:20am	MORNING TEA BREAK						
10:50am	Tony McGrail	Doble	Installation & Operation, getting a unit to site, installing & then commissioning for long term operation. What are the issues, causes of delays, why is it that all parts are not there but were in the factory, what if the unit is damaged in transit, what if on site repairs are needed? What if?				
11:10am	Wenyu Guo	Omicron	Test & Commission - what are the issues for FAT & SAT. How do they differ and what does it mean if they do not match, what are acceptable pass/fail results? Distinguish precommissioning a transformer from commissioning a circuit in a substation and final energisation.				
11:30am	Simon Bartlett	University of Qld / Powerlink	Asset Management network impact. If a unit does not perform as expected, what if it fails early in the warranty period or much later in life. Unplanned failure impacts, risks & cost to carry a spare. Can you accept a compromised unit or one that has undergone repairs before delivery?				





## CIGRE AP A2 Transformers Panel Presents:

"Transformers - Dealing with the Unforeseen - An Interactive Workshop"



"DRAFT PROGRAMME"								
Time	Speaker	Company	Topic & Notes					
11:50am	Terrence Lee	FM Global	Insurance & risk network impact on cost. What are the key issues that insurance companies are looking for in a claim? Insurance risk for known weaknesses in design or manufacture, what affects premium costs for each unit & the entire fleet, some simple risk mitigation strategies. What can you do to lower the premiums?					
12:10pm	Dan Howard and Stephen Fall	Clayton Utz	Will present and discuss:  1- Pre contractual issues:- What to avoid and practioces for good contracting.  2- The Contractual Framework:  a. Operating in a Consortium  b. Importance of Specifications  c. Liability, limitations, insurance and indemnities  d. Defect warranty obligations					
12:30pm	LUNCH BREAK							
1:15pm	3 Breakout Working Groups	Facilitators will assist with discussions & support working groups	1/2 -hour discussion on each of the 3 scenarios presented Use Outline provided to assess issues on all 3 Scenarios					
2:45pm	AFTERNOON BREAK							
3:05pm	Set up Panel & Get Presenters ready - Explain Afternoon proceedings							
3:10pm	Group 1	Group 2	Group 3	5 mins each presentation of discussion outcomes & suggested solutions				
3:25pm	Panel Open Discussion on Scenario 1 - Panel Members:							
3:40pm	Group 2	Group 3	Group 1	5 mins each presentation of discussion outcomes & suggested solutions				
3:55pm	Panel Open Discussion on Scenario 2 - Panel Members:							
4:10pm	Group 3	Group 1	Group 2	5 mins each presentation of discussion outcomes & suggested solutions				
4:25pm	Panel Open Discussion on Scenario 3 - Panel Members:							
4:40pm	Summation of the Day, Lessons Learnt, Additional Comments from the Panel							
5:00pm	CONFERENCE CLOSE by 5:00pm							