

CIGRE AP A2 Transformers Panel Presents: "Transformers - Dealing with the Unforeseen - An Interactive Workshop" MONDAY, 3 APRIL 2017 8:00am - 5:00pm



| "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 pre- commissioning 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

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



- An Interactive Workshop"

| "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 | Pre-contractual issues - what to avoid and what to do for good contracting. Contractual Framework: Operating in a Consortium Importance of Specifications Iiability, limitations, insurance and indemnities defect warranty obligations. | | | | |
| 12:30pm | DIM LUNCH BREAK | | | | | | |
| 1:15pm | 3 Breakout Working Groups | Facilitators & Presenters will assist with discussions & support working groups | 1/2 -hour discussion on each of the 3 scenarios presented Using the Outline provided to assess issues on all 3 Scenarios & notes taken by: Grp 1- Thomas Smolka, Grp 2 - Tara-Lee MacArthur, Grp 3 - Kerry Williams | | | | |
| 2:45pm | AFTERNOON BREAK | | | | | | |
| 3:05pm | Set up Panel & Get Presenters ready - Explain Afternoon proceedings - Presenters for each group: Thomas, Tara-Lee & Kerry | | | | | | |
| 3:10pm | Group 1 Thomas Smolka | Group 2 Tara-Lee MacArthur | Group 3 Kerry Williams | 5 mins each presentation of discussion outcomes & suggested solutions | | | |
| 3:25pm | Panel Open Discussion on Scenario 1 - Base Panel Members: Simon Bartlett, Gary Russell, Julian Guild, Bob Bagnara | | | | | | |
| 3:40pm | Group 2 Tara-Lee MacArthur | Group 3 Kerry Williams | Group 1 Thomas Smolka | 5 mins each presentation of discussion outcomes & suggested solutions | | | |
| 3:55pm | Panel Open Discussion on Scenario 2 - Base Panel Members: Mohindar Pannu, Terrence Lee, Bob Bagnara, Tony McGrail | | | | | | |
| 4:10pm | Group 3 Kerry Williams | Group 1 Thomas Smolka | Group 2 Tara-Lee MacArthur | 5 mins each presentation of discussion outcomes & suggested solutions | | | |
| 4:25pm | Panel Open Discussion on Scenario 3 - Base Panel Members: Dan Howard, Gary Russell, Tony McGrail, Terrence Lee, Julian Guild | | | | | | |
| 4:40pm | Summation of the Day, Lessons Learnt, Additional Comments from the Panel | | | | | | |
| 5:00pm | CONFERENCE CLOSE by 5:00pm | | | | | | |