

AGENDA

Australian Protection Symposium

18th August 2015

Day 1

Time	Paper	Presenter
8.30 a.m.	Registration	
8.50 a.m.	Welcome	Maryam Khallaghi OMICRON
9.00 a.m.	Fundamental Principles and Requirements of Protection Systems	John Ainsworth Retired, Formerly Ausgrid
9.30 a.m.	Calculation of Loadability Limits of Modern Numerical Relays	Maty Ghezelayagh Tas Networks
10.00 a.m.	An Overview of D.C Traction Protection Systems	Zahra Bayat Yarra Trams
10.30 a.m.	Morning Tea	
11.00 a.m.	The Digital Substation – Principles Functions and Benefits	Alex Apostolov PAC World Magazine
11.30 a.m.	Impact of IEC61850 ed2 on Protection GOOSE	Ian Young Schneider Electric
12.00 p.m.	Case Study: Implementation of IEC61850 in Generator and Transformer Protection System in New South Wales Power Stations	Usman Mahmood- Energy Australia May Huang – Aurecon Group
12.30 p.m.	Lunch	
1.30 p.m.	COMTRADE Analysis to Visualise Protection Operations	Greg Finlayson Mitchell Eadie Schneider Electric
2.00 p.m.	Verification of Distance Protection Scheme of Double Circuit Transmission Line Using Power Disturbance Records	Wing Chan Power and Water
2.30 p.m.	Afternoon Tea	
3.00 p.m.	Cygnus Atratus, and how it Causes Problems	Terry Foxcroft Snowy Hydro
3.30 p.m.	Panel Discussion	
4.30 p.m.	End of Day 1	
5.00 p.m.	Pre-Dinner Drinks	
6.00 p.m.	Conference Dinner	

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19th August 2015

Day 2

Time	Proceedings	Presenter
8.30 a.m.	Application of the Line Differential Protection Scheme for Radial Transmission Lines	Leonardo Torelli CSE Uniserve
9.00 a.m.	Modelling and Testing of High Impedance Differential scheme Using Numerical Relays	By Zarko Djekic - Ausgrid Presented by John Ainsworth
9.30 a.m.	New Design of Distance Protection for smart Grid Applications	Joerg Blumschein Siemens
10.00 a.m.	Morning Tea	
10.30 a.m.	Communication Aided Protection Schemes and their implementation and Testing	Fred Steinhauser OMICRON
11.00 a.m.	Implementation of Multi-Intertripping Protection Schemes in a Complex EHV Industrial Substation	Maty Ghezelayagh Tas Networks
11.30 a.m.	XML and UML – What They Are and Why We Need to Know Them	Alex Apostolov PAC World Magazine
12.00 pm	Lunch	
1.00 p.m.	Old Lessons Re-learned	Graeme Heggie ElectraNet
1.30 p.m.	330 KV Downed Conductor Protection and Successful Operations	Terry Foxcroft Snowy Hydro
2.00 p.m.	POWER TALK	
2.30 p.m.	Afternoon Tea	
3.00 p.m.	Reality of Providing Energy in Australia : Bushfire Mitigation and the Benefits of Power Quality Monitoring Outside Substations	Martin Van Der Linde Noja Power
3.30 p.m.	Enhancing Australian Protection System Testing through Real Time Digital Simulations	Georgios Konstantinou University of NSW
4.00 p.m.	Closing	