

SEAPAC 17

DAILY PROGRAMME



DAY 1 – TUESDAY 14 March		Paper No.	Presenter	Company	
Registration					7:45 – 8:30
Welcome					8:30 – 8:45
Keynote Address – "Current Challenges and future pathways for the Industry"			Nino Ficca	Managing Director of AusNet Services & Chairman of Energy Networks Australia	8:45 – 9:15
Restricted Earth Fault Security and Incipient Faults: Case Study	111	Leonardo Torelli	CSE-Uniserve		9:15 – 9:30
The Ground Fault Neutralizer – Smart Bushfire Protection for Australia	117	Klaus Winter	Swedish Neutral AB Stockholm Sweden		9:30 – 9:45
Compensated neutral networks and multi-frequency admittance protection	121	Ari Wahlroos	ABB Oy		9:45 – 10:00
Sensitive ground fault detection in compensated systems (ASC) – what is influencing the sensitivity	104	Gerd Kaufmann	A. Eberle GmbH & Co. KG		10:00 – 10:15
Q & A					10:15 – 10:30
Morning Tea					10:30 – 11:00
Your Roadmap to Community Resilience Microgrids: Taking the First Steps	120	Marcus DW Steel	Regional Electricity Micro-Grids Pty Ltd		11:00 – 11:15
QV Protection for Wind Farms	168	Mitchell Eadie	Schneider Electric		11:15 – 11:30
Study of Sensitive Overcurrent Protection Scheme with Core Balance CT in an Islanded Micro grid with Inverter-ilterfaced Distributed Generations	113	Ali Khademlahashy	University of technology Sydney		11:30 – 11:45
New MV Protection concept with integration of DER plants	181	José Miguel Yarza	ZIV		11:45 – 12:00
Multi-scenario protection coordination for a large data center with embedded generation.	138	Winodh Jayewardene	AECOM		12:00 – 12:15
Q & A					12:15 – 12:30
Lunch					12:30 – 13:30
Avon Substation – TransGrid's Journey to a Full Digital Substation	110	Kevin Hinkley	Transgrid		13:30 – 13:45
OWNER, Operator wanting GOOSE on separated networks. IED publishing GOOSE on 2 different networks	89	Damien Ravinet	Siemens		13:45 – 14:00
Major Rebuild of Critical CBD Supply Substation	94	Justin Brown	Beca		14:00 – 14:15
Bruce61850 upgrade: Challenges and opportunities	169	Ravi Anegondy	ActewAGL Distribution		14:15 – 14:30
Ethernet based line differential protection over passive multiplexer	131	Ron Nathan	SEL		14:30 – 14:45
Q & A					14:45 – 15:00
Afternoon Tea					15:00 – 15:30
Distributed Synchronous Coordination Field Testing Of an Actual Automated Distribution Feeder System	188	Maryam Khallaghi	OMICRON electronics Australia Pty Ltd		15:30 – 15:45
Implementation of IEC61850 for Inter Substation HV System Interlocking and Automatic Supply Restoration	107	Gideon Strydom	Beca Limited		15:45 – 16:00
Development of a Wide Area Defence System Simulation Testbed for Tenaga Nasional Berhad Transmission Grid	135	Mohd Firdaus Yon	Tenaga Nasional Berhad		16:00 – 16:15
Application of Synchrophasor-Based Autoreclose Synchronism Check	112	Yuhui [David] Chen	Transpower New Zealand Ltd		16:15 – 16:30
TasNetworks Synchrophasor Deployment - Five Year Review	74	Jimmy Chong	TasNetworks		16:30 – 16:45
Q & A					16:45 – 17:00
Cocktail Function / Dinner					17:00 – 20:00

DAY 2 – WEDNESDAY 15 March		Paper No.	Presenter	Company	
Registration					8:00 – 8:30
Cygnus atratus, and how it causes problems		72	Terry Foxcroft	Snowy Hydro	8:30 – 8:45
To Trip or not to Trip Sequentially – Bus Zone Bus Coupler CB		84	Rainer Goblirsch	Siemens	8:45 – 9:00
Protection requirements for Detuned Capacitors and Reactors		139	Gurinder Saluja	Transgid	9:00 – 9:15
Phase selection for line distance protection based on undervoltage detection		125	Madhusudan Srinivasan	ABB Australia Pty Ltd.	9:15 – 9:30
The Analysis of Propagation Characteristics of the Fault Transient Traveling Waves on HVDC Grounding Electrode Lines		98	Yining Zhang	Ehv Power Transmission Comp. Maintenance & Test [M&T] Center	9:30 – 9:45
Q & A					9:45 – 10:00
Morning Tea					10:00 – 10:30
Enhanced Special Protection Scheme (SPS) automation using Analogue GOOSE		97	Sinapati ST Tupou	Transpower NZ Ltd	10:30 – 10:45
Implementing a Power Management System for a Mine site – Focus on the fast dynamic balanced load shedding		88	Kenan Barut	Siemens	10:45 – 11:00
High Speed Motor Bus Transfer Simulations and Field Experience in Oil & Gas Refinery		81	Kamin D Dattvadav	ASHIDA	11:00 – 11:15
An Exercise in Trust: Examining the Future of Cryptographic Technology in Electrical Control Systems		106	Colin Gray	Schweitzer Engineering Laboratories, Inc.	11:15 – 11:30
Integrating IEC 61850 and IEEE 1815 [DNP3]		86	Andrew West	SUBNET Solutions Inc.	11:30 – 11:45
Q & A					11:45 – 12:00
Lunch					12:00 – 13:00
Quality Assurance requirements and experiences for GOOSE/SV configuration		123	Rodney Hughes	Rod Hughes Consulting Pty Ltd	13:00 – 13:15
Automated SCADA testing methods with IEC 61850		160	Daniel Moulds	Powerlink Queensland	13:15 – 13:30
Remote Testing of Protection Devices and Schemes – Principles, Applications and Benefits		130	Alexander Apostolov	OMICRON electronics	13:30 – 13:45
Quick and reliable generation of configuration files for multivendor IEC 61850 systems		134	Murray Chapman	Powerlink Queensland	13:45 – 14:00
Enabling Big Data Collection with IEC 61850 on an In-Service 220 kV Substation		163	James C Stokes	Jarrah Solutions	14:00 – 14:15
Q & A					14:15 – 14:30
Afternoon Tea					14:30 – 15:00
Decentralised In-feeds Influence on Grid Power Quality		83	Hakan Menekse	Omicron Electronics Australia Pty Ltd	15:00 – 15:15
Policing Harmonic Compliance @ TasNetworks		76	Satendra Bhola	TasNetworks	15:15 – 15:30
Modelling Optimal Secondary System Asset Lifespan Based on Risk, Cost and Performance		127	Tuan Vu	Powerlink Queensland	15:30 – 15:45
A Criterion to Evaluate New Generation Digital Protection Relays: “Cost benefit and Reliability concerns”		79	Suyash M Kulkarni	ASHIDA	15:45 – 16:00
Identifying which critical spares offer the most significant benefit to the business		92	Eric Wolters	Beca Ltd	16:00 – 16:15
Q & A					16:15 – 16:30
Conference Close					

CIGRE AUSTRALIA WOULD LIKE TO THANK AND ACKNOWLEDGE THE SUPPORT OF THE FOLLOWING SPONSORS

