



DAY 1: TUESDAY 10th NOVEMBER

TIME	EVENT			
7:30 AM - 8:30 AM	CONFERENCE REGISTRATION			
8:30 AM	WELCOME TO EECON 2026 AND CONFERENCE PLENARY Laurie Curro, <i>EESA National President</i> Platinum Sponsor – Siemens Marcus Leaver, <i>EESA QLD Chapter Chair</i>			
9:05 AM - 9:50 AM	Keynote Speaker	Suzanne Shipp - <i>Chief Engineer - Energy QLD</i>		
9:50 AM - 10:20 AM	MORNING TEA			
10:20 AM - 11:45 AM	PANEL 1: HARNESSING AI INNOVATION WHILE MANAGING CYBER RISK Suzanne Shipp - <i>Chief Engineer - Energy QLD</i> Liz Douglass - <i>Partner, Cyber - Deloitte</i> Emma Rogers - <i>GM Strategic Network Operations - Powerlink QLD</i> Victor Tan - <i>CIGRE Study Committee D2 Chair</i>			
11:45 AM - 12:45 PM	LUNCH			
12:45 PM - 12:50 PM	Sponsor Session - SIEMENS		Sponsor Session - CENTURY YUASA	
12:50 PM - 2:35 PM	PROTECTION & AUTOMATION		NETWORK TRANSFORMATION	
	TITLE	PRESENTER	TITLE	PRESENTER
	Diagnosing CT Polarity Issues in Restricted Earth Fault Protection: A Field Case Study	Aditya Parhad <i>Schweitzer Engineering Laboratories (SEL)</i>	Voltage Regulation on Long LV Feeders using VRDT	Peter Kilby, Gabriel Bohnen <i>Energex/Ergon Network</i>
	Bauch’s Paradox in Power Systems with Inverter-Based Resources	Ben Mahamedi <i>Siemens</i>	Assessing LV Planning Strategies for Australia’s CER-Rich Future	Rodrigo Zuniga Gajardo <i>University of Melbourne</i>
	Simulation Based Testing of Protection Systems with Inverter Based Source	Tibor Congo <i>Omicron</i>	Developing the Sydney Ring South Project: A journey from identified need to actionable project	Christiaan Swanepoel <i>Transgrid</i>
	Earthing beyond boundaries: Busbar Earthing Design Philosophy for MV Switchboards	Vijyant Mahajan, Arash Bastani <i>Rio Tinto</i>	Advanced Metering Infrastructure Deployment in Sri Lanka: Technical Challenges, Integration Experience and Lessons Learned	Dinesh Kumara Dissanayaka Dissanayaka Mudiyanse <i>Ceylon Electricity Board</i>
2:35 PM - 3:05 PM	AFTERNOON TEA			
3:05 PM - 3:10 PM	Sponsor Session - BENTLEY		Sponsor Session	
3:10 PM - 4:55 PM	NEW ENERGY GENERATION SOURCES, STORAGE & FIRMING		DER, MICROGRIDS & VPPS	
	TITLE	PRESENTER	TITLE	PRESENTER
	The changing face of power generation	Cameron P Sharp, Adrian Constable <i>Caterpillar</i>	Real Time Simulation and Hardware in the Loop Testing of Dynamic Connections and VPPs	Mitchell Tap <i>Energy QLD</i>
	From battery-ready to hybrid by design: Why the connection queue is shifting	Steve Wilson <i>Aurecon</i>	Beyond conductor and transformer sizing: Cost-Effective Greenfield LV Network Design for Full CER Adoption	Rodrigo Zuniga Gajardo <i>University of Melbourne</i>
	Regenerated transformer oil serving decarbonisation - a case study	Philippe Reboul <i>REDOX - Molekulis</i>	An empirical NEM consumer flexibility bid curve: lessons from the SA 25 December 2025 minimum demand event	Mark Purcell AM <i>Purcell id.au P/L</i>
	Distribution-Connected STATCOMs: Grid Support, Phase Balance, and Volt-VAR Control in Practice	Martin van der Linde <i>EcoJoule Energy</i>	Enabling Better Grid Management with Smart Meter Data	Ching Hong Tam <i>UTS</i>
5:00 PM - 6:00 PM	NETWORKING DRINKS			
6:00 PM - 9:30 PM	CONFERENCE DINNER			

DAY 2: WEDNESDAY 11th NOVEMBER

TIME	EVENT			
8:00 AM - 8:30 AM	CONFERENCE REGISTRATION			
8:30 AM - 9:50 AM	WELCOME AND CONFERENCE PLENARY PANEL 2: THE FUTURE ENERGY MIX: BASELOAD, RENEWABLES AND BEYOND Deepak Sambhi - <i>Partner - KPMG</i> Glenn Springall - <i>General Manager - Engineering Connections - Energy QLD</i> Ben Beattie - <i>Electrical Engineer - Commentator</i> Jonathan Fisher - <i>CEO - Cauldron Energy</i>			
9:50 AM - 10:20 AM	MORNING TEA			
10:20 AM - 12:05 PM	SYSTEM STRENGTH, STABILITY & OPERATIONS		SYSTEM STRENGTH, STABILITY & OPERATIONS AND THE "UNPLUGGED" CUSTOMER	
	TITLE	PRESENTER	TITLE	PRESENTER
	Detecting Sub-Synchronous Oscillations in the Transgrid Network: Event Insights and IBR Contribution Analysis	Gihan D Vitharanage <i>Transgrid</i>	Verification of frequency response of instrument transformers in the application of power quality measurement	Tibor Congo <i>Omicron</i>
	A new approach to defining the operational objectives for system restart to support re-energisation of a power system dominated by inverter based renewable generation	Nythinun Sivanesan, Ben Hiron <i>AEMC</i>	From Parts to Patterns: Systems Thinking for Secure Grid Operations	Alexandra Price <i>Powerlink QLD</i>
	Fault Ride-through Operation and Active Power Recovery of Data Centres	Mehdi Ghazavi Dozen <i>Monash University</i>	Emerging QLD customer behaviours in the wake of cheaper home batteries	Emma Dyson <i>Energy QLD</i>
	Disturbance ride-through standards for data centres in the NEM	Annabelle Evans, Tiffany O'Keefe <i>AEMC</i>	Planning for Uncertainty: Storage and Firming Needs in a Highly Stochastic NEM	Joshua Boegheim <i>Powerlink QLD</i>
12:05 PM - 1:00 PM	LUNCH			
1:00 PM - 2:45 PM	PROTECTION & AUTOMATION		ASSET MANAGEMENT & HV ENGINEERING IN A DYNAMIC NETWORK	
	TITLE	PRESENTER	TITLE	PRESENTER
	Advancing Power System Decarbonisation and Digital Substations Through Large-Scale BESS Integration and IEC 61850 Technologies	Ying Yan <i>Transgrid</i>	Early Detection of Partial Discharge in a 40 MVA Substation Transformer: Asset Management Implications of Continuous Intelligent Monitoring	Michael Rushmer <i>Flexity</i>
	LPITs and the Digitisation of Electric Power Distribution	Vinny VM Moreira <i>Siemens</i>	Reverse Engineering and Rewinding of 9375 KVA, 11 kV GYPI Stator to Resin-Rich Insulation: Challenges, Testing, and Reliability Considerations	Vikas Mr Bhandari <i>Machinemonitor</i>
	Residual Voltage Protection for Enhanced Electrical Safety in Low Voltage Networks	Wayne W Callen <i>WWest Electrical Safety</i>	Quantifying the Impact of Harmonics on Transformer Ageing Using Continuous Hot-Spot Temperature Monitoring: An Ongoing Utility Field Study!	Jonas Lindholm <i>Kinghill SIPP</i>
	Agile Controller Optimisation and Tuning of PSCAD Models using MATLAB/Simulink	Mohammad Habibullah, Muhammed Al Qurashi <i>Yurika / MathWorks Australia</i>	Data-Driven Transformer Online Monitoring for Decarbonised and Decentralised Power Systems	Bhaba Das <i>Dynamic Ratings</i>
2:45 PM - 3:15 PM	AFTERNOON TEA			
3:15 PM - 4:35 PM	DIGITAL SUBSTATIONS, ANALYTICS, AI & CYBER SECURITY		DIGITAL SUBSTATIONS, ANALYTICS, AI & CYBER SECURITY	
	TITLE	PRESENTER	TITLE	PRESENTER
	Bringing Visibility to High-Solar Networks: PV Forecasting and Bidirectional Power Flow Detection	Wei Jian Chan, Emma Studerus <i>Energex/Ergon Energy</i>	Agentic AI Assisted Cable Modelling for Accurate IEC 60287 Ampacity Calculations	Jayson Patrick <i>ELEK Software</i>
	From Detection to Deterministic Response in IEC 61850 Substation Networks	Amro Mohamed <i>Omicron</i>	From Voltage Profiles to Phase Reallocation: Leveraging Smart Meter Analytics to Improve Transformer Balancing	Claire Carpenter <i>Energy QLD</i>
	Enabling Power Grid Transformation - Alleviating Ownership Cost, Loading and Harmonic Issues	Kin Yu Lam <i>Cargill Asia Pacific</i>	Not Your Father's Peak Demand: Forecasting in the Sunshine State	Chris McKeague <i>Energy QLD</i>
4:35 PM - 5:05 PM	CLOSING PLENARY: AWARDS AND CONFERENCE CLOSE			