

Day 1 – Sunday 6 September

This program is correct at the time of printing. Some details may differ from those in the abstracts provided in this handbook. Any onsite program changes will be listed on the Program Changes Board near the Registration Desk.

1500 – 1900	Registration Open
1800 – 2000	Exhibition Open
1800 – 2000	Opening Reception Exhibition Area The Hon Peter Batchelor MP Paul Adams (Managing Director, Jemena)

Day 2 – Monday 7 September

0730 – 1730	Registration Open			
1030 – 1730	Exhibition Open			
0830 – 1030	Opening Session The Hon Martin Ferguson AM MP Plenary Session – Energy Delivery Summit Plenary Hall 3			
	Leading Future Networks For Customers Chair: <i>Tony Jones</i> Panelists: George Maltabarow (Chair of Energy Networks Association) Tim Piper (Ai Group Director, Victoria) Guido Bartels (Chair of Gridwise Alliance, USA) Ed Willett (Commissioner ACCC and Board Member of Australian Energy Regulator) Nick Goodall (CEO, UK Renewable Fuels Agency) Perry Sioshansi (President, Menlo Energy Economics, USA)			
1030 – 1100	MORNING TEA			
1100 – 1230	Concurrent Session 1:	Concurrent Session 2:	Concurrent Session 3:	Concurrent Session 4:
	Regulation – World Energy Outlook and Policies to Meet Customer Expectations Meeting Room 217 Chair: <i>Andrew Blyth, CEO, Energy Networks Association</i>	Asset Management and Technology – Technologies and Products to improve the Customer Experience Meeting Room 219 Chair: <i>John Devereaux, GM Network, Aurora Energy</i>	Commercial Operations and Service Provision – Innovative Service Provision Models Meeting Room 220 Chair: <i>Paul Adams, MD, Jemena</i>	HS&E, Skills and Training – Addressing the Skills Shortages Meeting Room 218 Chair: <i>Simon Bartlett, COO, Powerlink Queensland</i>
	Assessing the Outcomes of New Regulatory Regimes in Energy Transmission and Distribution (Garth Crawford, Concept Economics, AUSTRALIA) Utilities – Responsibility to Protect Climate Change (Sali Torgoman, EnergyAustralia, AUSTRALIA) Intelligence, Innovation and the Integration Energy Value Chain: Enabling Smarter Power for a Smarter Planet (Guido Bartels, IBM, AUSTRALIA) Perspectives on Emerging Trends in European Renewable Energy and its Regulation (Nick Goodall, UK Renewable Energy Regulator, UNITED KINGDOM)	Leading Edge Design Solutions Used to Create the First Arc Fault Contained Solid Dielectric 38kV Pole Mounted Switchgear (Neil O’Sullivan, NOJA Power Switchgear, AUSTRALIA) Significant Application Benefits From Cooper Power Systems Recent Enhancements To Their VR32 Regulators (Kevin Nesdale, Cooper Power Systems, AUSTRALIA) The Future Distribution Network – Branching of Cables (Jorgen Svahn, ABB AB Kabeldon, SWEDEN) Energy Efficient Amorphous Metal Distribution Transformers (Mike Skinner, Preformed Line Products (Australia), AUSTRALIA)	The Independent NSP (Mark Lampard, VEMTEC, AUSTRALIA) Business Processes – Application of a Telecommunications Business Process Framework in the Utilities Industry (Peter Ghys, Ericsson Australia, AUSTRALIA) Paradigm Shift for Delivery of Capital Work from Competing Projects to an Integrated Programme (Ryan Hudson, EnergyAustralia, AUSTRALIA)	Skilling for the Future Program (SFF): Addressing Skills Shortages (Danielle Cortese, SP AusNet, AUSTRALIA) Remote Aboriginal Communities Training (Shane Eeles, Horizon Power, AUSTRALIA) SP AusNet’s Gas Graduate Engineering Program (Mark Annetts & Elad Tal, SP AusNet, AUSTRALIA) Future Proofing Australia’s Power Engineering Capability (Mike Griffin, McGriffin Group, AUSTRALIA)
1230 – 1400	LUNCH Exhibition Lunch Area Lunch Session – Insulating Against Pollution Challenges on Distribution Networks Gordon Chessum (Technical Manager, EMC Pacific)			

Day 2 – Monday 7 September

1400 – 1530	WORKSHOP SESSIONS BASED ON A KEY ISSUE/TOPIC FROM EACH OF ENA WORKING GROUPS (a defined background briefing paper with specific outcomes from the workshop session sought)				
	Workshop 1 Electricity Technical Regulatory Committee Meeting Room 216	Workshop 2 Demand Management and Implications of Electric Vehicles and Energy Efficient Appliances Meeting Room 219	Workshop 3 Environmental Land Management across Different Regulatory Jurisdictions Meeting Room 217	Workshop 4 Reliability & Power Quality Committee Meeting Room 218	Workshop 5 Smart Networks – Implications of National Broadband Rollout Meeting Room 220
1530 – 1600	AFTERNOON TEA				
1600 – 1730	Concurrent Session 5:	Concurrent Session 6:	Concurrent Session 7:	Concurrent Session 8:	
	Snapshot High Energy Presentations – Young Leaders Motivating Experiences & Projects Meeting Room 219 Chair: <i>Hugo Armstrong, Manager Corporate Affairs, CitiPower and Powercor Australia</i>	Asset Management and Technology Panel – Pictures of the Future Meeting Room 220 Chair: <i>Mike Zammit, MD, Energy Response</i>	Commercial Operations and Service Provision Panel Discussion Meeting Room 217 Chair: <i>Mark Sturgess, GM, Powercor Network Services</i>	HS&E, Skills and Training Panel Discussion Meeting Room 218 Chair: <i>Michael Besselink, Director HSE&Q, SP AusNet</i>	
	Holistic Consideration (Troy Leyden, Central Queensland University) A Distributed Framework for Demand Response Management (Thanh Duy Nguyen, The University of Tasmania) Top Energy 33kV System Reinforcement (Gurjeet Singh Malhi, Top Energy) Matching the Workforce with Tomorrow’s Business (Sarah Clarke, Marchmont Hill Consulting) Customers, Climate Change and the Network – Projections for the Power Industry in 2050 (Sarah Nosworthy, EnergyAustralia) The Smart Grid is the Solution for Meeting the Electricity Demand of 2050 (Anita Kotagiri, Marchmont Hill Consulting)	Panelists: Pictures of the Future (Michael Bielinksi & Dr Tefvik Sezi, Siemens, AUSTRALIA)	Panelists: Peter Price (GM Works & Programming, ENEREX) Neil Gibbs (Managing Director, Marchmont Hill) Tony Beach (Executive General Manager, Asset Strategy, Jemena)	Panelists: Peter Horvath (General Manager Safety, Tenix Alliance) Stephen Brown (TRU Energy) Peter Attwood (Managing Director, HAZCON) Gerard Cooke (Apprentice and Training Manager, SP AusNet)	

Day 3 – Tuesday 8 September

1030 – 1100	MORNING TEA						
1100 – 1230	Concurrent Session 15:	Concurrent Session 16:	Concurrent Session 17:		Concurrent Session 18:	Concurrent Session 19:	Concurrent Session 20:
	Asset Management and Technologies – Intelligent Networks and Communication Infrastructure Solutions Meeting Room 219 <i>Chair: Charles Popple, GM, Networks Strategy & Development, SP AusNet</i>	Asset Management and Technology - Maintaining Networks for Customers Meeting Room 220 <i>Chair: Chris Arnold, GM Network Performance, ENERGEX</i>	Asset Management – Reliability Solutions Meeting Room 216 <i>Chair: Richard Twisk, GM Demand & Network Management, ETSA Utilities</i>		HS&E, Skills and Training – Work Practice Innovations Meeting Room 217 <i>Chair: Michael Hunnibell, GM Transmission Services, Transend Networks</i>	Gas – Technical Regulation Meeting Room 218 <i>Chair: Brian Fitzgerald, Network Operations Manager, APA Group</i>	Demand Management Strategies Plenary Hall 3 <i>Chair: Geoff Lilliss, Executive General Manager EnergyAustralia</i>
	<i>Grid It – Where Energy Meets Communications</i> (Paul Budde, Smart Grid Australia Inc., AUSTRALIA) <i>Intelligent Networks and Communications</i> (Perry Sioshansi, Menlo Energy Economics, USA) <i>National Smart Grid Communications Infrastructure</i> (Yochai Glick, Ericsson Australia, AUSTRALIA)	<i>Condition Monitoring on High-Voltage Circuit Breakers, A Manufacturer’s Perspective</i> (Carl-Ejnar Solver, ABB AB, SWEDEN) <i>Distribution Asset Maintenance – Defect Classification and Prioritisation</i> (Benjamin Sanderson, Kathleen Noonan, Ergon Energy, AUSTRALIA) <i>Advanced Solution for On-Site Diagnosis of Distribution Power Cables</i> (Dr Frank Petzold, SEBAKMT GmbH, GERMANY) <i>Using Condition Based Risk Management (CBRM) to Demonstrate the Benefits of Different Asset Replacement Strategies</i> (Colin Ross, EA Technology, UNITED KINGDOM)	<i>How Regulation Has Driven Advances in Distribution Network Management: A UK Case</i> (Matthew Lord, Radius UK, UNITED KINGDOM) <i>Reliability and Power Quality – Outage Cause Classification</i> (Craig Savage, Jemena, AUSTRALIA) <i>Systems to Improve Power Quality in Future Transmission and Distribution Systems</i> (Peeter Muttik, AREVA T&D Australia, AUSTRALIA) <i>Automatic Circuit Recloser Event Analysis Using Automatic Data Retrieval, Spatial Data Warehousing, and Business Intelligence Reporting</i> (Andrew Fraser, Aurora Energy, AUSTRALIA)		<i>ENA Live HV Work Forum: Industry Benefit/Importance</i> (Robert Oldfield, CitiPower & Powercor, AUSTRALIA) <i>Training and Maintaining the Skills of Power Cable Jointers</i> (Jorgen Svahn, ABB AB, Kabeldon, SWEDEN) <i>New Technology for Multiple Conductor Transmission Stringing</i> (Corey Scott, TEN Group (The Energy Network Aust), AUSTRALIA) <i>Underground Cable Identification Using DC Injection</i> (Jim Hickey, EnergyAustralia, AUSTRALIA)	<i>Victorian Gas Safety Case and Asset Management</i> (Andrew Jones, Energy Safe Victoria, AUSTRALIA) <i>Safety Case 15 Years On</i> (Mark Beech, Jemena, AUSTRALIA) <i>Gas Training Package</i> (Brad Flannigan, EE-Oz, AUSTRALIA)	<i>Demand Management: Can Bottom Up Approaches Enhance Traditional Measures?</i> (Liz Ampt & Terry Krieg, Sinclair Knight Merz, AUSTRALIA) <i>“Demand Side” Not “Dark Side”</i> (Michael Zammit, Energy Response, AUSTRALIA) <i>Reconfiguring Comfort Practices in Households Through Smart Metering Demand Management Programs</i> (Yolande Strengers, RMIT University, AUSTRALIA) <i>Dynamic Prices and their Implementation</i> (Daniel Collins, EnergyAustralia, AUSTRALIA)
1230 – 1400	LUNCH Exhibition Lunch Area Lunch Session – Smart Grid Planning and Implementation Simon Ferneyhough (Intergraph Business and Development Manager U&C, SGI Asia Pacific)						
1400 – 1530	Concurrent Session 21:	Concurrent Session 22:	Concurrent Session 23:		Concurrent Session 24:	Concurrent Session 25:	Concurrent Session 26:
	Regulation Perspective – Future of Regulation to meet Customer and Climate Change Needs Meeting Room 216 <i>Chair: Andrew Staniford, Commercial Manager, Envestra</i>	Asset Management – Demand Management and AMI Plenary Hall 3 <i>Chair: Jim Battersby, Chief Engineer, Integral Energy</i>	Asset Management and Technology – Reliability and Power Quality Meeting Room 219 <i>Chair: Ian Gibb, Systems & Technical Regulation Manager, Aurora Energy</i>		HS&E, Skills and Training – Achieving a Zero Harm Workplace Meeting Room 217 <i>Chair: Kevin Ball, Group Manager Network Program, ENERGEX</i>	Gas – Asset Management Meeting Room 218 <i>Chair: Phill Coulton, Group Manager Gas Networks, Country Energy</i>	Planning and Design for Distributed/ Embedded Generation Meeting Room 220 <i>Chair: Terry Miller, Manager Network Development, Powerlink Queensland</i>
	<i>Regulatory Resets and Climate Change: The Challenge of Managing the Future Today</i> (Craig Clifton, Sinclair Knight Merz, AUSTRALIA) <i>A National Legislative Framework for Energy Safety</i> (Michael Kilgariff, Energy Networks Association, AUSTRALIA) <i>Assessing Organisations in Asset Management with PAS 55</i> (Stephen Lemon, AMCL, AUSTRALIA) <i>National Regulation of Energy Markets</i> (Ed Willett, ACCC, AUSTRALIA)	<i>Advanced Metering in Italy: The ACEA Success Story</i> (Brett Stevens, Ericsson Australia, AUSTRALIA) <i>The Customer and Advanced Metering Infrastructure</i> (Brendan Bloore, CitiPower and Powercor, AUSTRALIA) <i>Implementing AMI in a Competitive Market: The Victorian Experience</i> (Stephen Thomson, Marchment Hill Consulting, AUSTRALIA) <i>Market Driven AMI Rollout: The NZ Experience to Date</i> (Nigel Barbour, Powerco NZ, NEW ZEALAND)	<i>The Long Term National Power Quality Survey – Benefits, Opportunities and Future Directions</i> (Peter Wong, Jemena, AUSTRALIA) <i>Implementation of the Distribution Performance Standards</i> (Sandra Thaow, Aurora Energy, AUSTRALIA) <i>Rural High Harmonic Levels – Irrigation Pumps Can Be A Factor</i> (Dr Stewart Hardie, University of Canterbury, NEW ZEALAND) <i>Compact Fluorescents – Sinner or Saint?</i> (Sean Elphick, University of Wollongong, AUSTRALIA)		<i>Integral Energy’s Safety Day Journey</i> (Neill Taylor, Integral Energy, AUSTRALIA) <i>Life Skills- Going Beyond Technical Training for Apprentices</i> (Darryl Ramm, ActewAGL, AUSTRALIA) <i>New Zealand Electricity Networks Safety Vision & Strategy to 2020</i> (Peter Berry, Electricity Engineers Association New Zealand, NEW ZEALAND)	<i>Key Findings from IGU Research into Gas Distribution</i> (Barbara Jinks, GHD, AUSTRALIA) <i>Risk Based Leakage Management: Underlying Principles and the Concept of Trigger Survey</i> (Nithi Nithianandan, SP AusNet, AUSTRALIA) <i>Gas Pipelines, Past, Present and Future</i> (Neil Pendergast, Tenix Maintenance Services, AUSTRALIA) <i>Review of AS 4853 – Electrical Hazards on Metallic Pipelines</i> (Bill Carman, EnergyAustralia, AUSTRALIA)	<i>Some Realities of Getting Power Back into the Network</i> (Paul Howarth, EnergyAustralia, AUSTRALIA) <i>Distributed Generation Urban and Rural Network Challenges</i> (Neil Watt, CitiPower and Powercor Australia, AUSTRALIA) <i>Small Generation: A Vision for Integration in the NEM</i> (Mark Johnston, NEMMCO, AUSTRALIA)

Day 3 – Tuesday 8 September

1530 – 1600	AFTERNOON TEA						
1600 – 1730	Concurrent Session 27:	Concurrent Session 28:	Concurrent Session 29:		Concurrent Session 30:	Concurrent Session 31:	Concurrent Session 32:
	Asset Management and Technology – Planning and Design for Networks of the Future Meeting Room 219 <i>Chair: Mike Tshaikiwsky, Executive Manager, Plant Engineering & Procurement, EnergyAustralia</i>	Asset Management and Technology – Standards Meeting Room 216 <i>Chair: Neil Lowry, GM Network, Ergon Energy</i>	Commercial Operations and Service Provision – Substations and major projects Meeting Room 220 <i>Chair: Don Plowman</i>		Commercial Operations and Service Provision – Transmission Lines and Cables Meeting Room 217 <i>Chair: John Kelso, GM Select Solutions, SP AusNet</i>	Gas – Climate Change Solutions and Customer End Use Meeting Room 218 <i>Chair: Peter Harcus, Manager Gas Network Development, Jemena</i>	Smart Networks Strategies and Systems Plenary Hall 3 <i>Chair: Mark de Laeter, GM Customer Services, Asset Management, Western Power</i>
	Constructing Robust UHV Grid in China to Deal with Climate Changing (Wen Donghui, Harbin College of Electric Power, PEOPLES REPUBLIC OF CHINA) Maintaining Supply to Remote Rural Areas (Ken Pattie, Powerco, NEW ZEALAND) National Guidelines for Electricity Network Development (Mahinda Wickramasuriya (SP AusNet) & Ian Gibb (Aurora Energy) AUSTRALIA) Parramatta CBD Electricity Supplies Planning for the Future (Ty Christopher, Integral Energy, AUSTRALIA)	Inspection and Testing of Non-Ceramic Insulators (A.J Carreira, K-Line Insulators Limited, CANADA) EL052-05 Committee – Latest Developments with the New Overhead Line Design Standard (Colin Lee, ENERGEX, AUSTRALIA) Regulating Efficiency of Distribution Transformers in Australia (Lelde Vitols, Department of Environment Water Heritage and the Arts, AUSTRALIA) Concepts for a New 230Volt Steady State Voltage Standard for Australia (Peter Wong, Jemena, AUSTRALIA)	Redevelopment of Springhill Transmission Substation (Greg Schafer, Integral Energy, AUSTRALIA) Applying Creative and Innovative Solutions to ‘Brownfield’ Major Project Delivery (Steven Neave, CitiPower & Powercor, AUSTRALIA) Fitting More Into Less (Jeff Walker, Siemens, AUSTRALIA) Substation Integrated Asset Security System (Peter Werner, BAE Systems Australia, and Rod Jones, Transend, AUSTRALIA)		Upgrading of Transmission Lines (Roger Chesterman, Sinclair Knight Merz, AUSTRALIA) Innovative Low SAG Conductors for Power Lines (Peter Fiers, Lumpi-Berndorf Draht- Und Seilwerk GmbH, AUSTRIA) Transition Joint for Fluid Filled/Extruded HV and EHV Cables (Richard Lewis, Prysmian Cables and Systems Energy, ITALY) Dynamic Cable Rating Systems Utilising DTS Technology Applied to Power Cable Systems (Chris Conway, Bandweaver, UNITED KINGDOM)	Natural Gas Marketing – “The Experience From NSW” (Peter Harcus, Jemena, AUSTRALIA) Creating a Level Playing Field in the Australian Hot Water Market (Warring Neilsen, Gas Industry Alliance, AUSTRALIA) Gas Appliances and CPRS (Mark Amos, AI Group, AUSTRALIA) NGV – Now Is The Time (Ollie Clark, NGV Australia, AUSTRALIA)	Developing a Smart Grid Integration of Fault Indication Systems into Central Monitoring (Maarten Van Riet, Alliander Network Services, THE NETHERLANDS) Developing an Australian Intelligent Network (Col Ussher, Country Energy, AUSTRALIA) Creating the Business Case for a Smart Grid (Matthew McKenzie, GE Energy – Transmission & Distribution, USA) Developing and Implementing Distribution Feeder Automation (Graeme McClure, SP AusNet, AUSTRALIA)
1900 – 2400	CONFERENCE DINNER Level 2 / Room 201 Master of Ceremonies: <i>Stephen Quartermain</i>						

Day 4 – Wednesday 9 September

0800 – 1730	Registration Open						
0830 – 1430	Exhibition Open						
0830 – 1030	Concurrent Session 33:	Concurrent Session 34:	Concurrent Session 35:		Concurrent Session 36:	Concurrent Session 37:	Concurrent Session 38:
	<p>Snapshot High Energy Presentations – Utility Challenges and Solutions Meeting Room 219</p> <p><i>Chair: Tim Christoffersen, Manager, Regional Asset Management, CitiPower and Powercor Australia</i></p>	<p>Regulation – Frameworks to Deliver Customers Future Expectations Plenary Hall 3</p> <p><i>Chair: Hugh Gleeson, CEO, United Energy Distribution & Multinet Gas</i></p>	<p>Network Technical – Lines and Poles Meeting Room 220</p> <p><i>Chair: Tas Scott, GM Network Development, Orion NZ</i></p>		<p>Network Technical – Substations and Switchgear Meeting Room 216</p> <p><i>Chair: Jon Retford, GM – Distribution Transformers, Wilson Transformers</i></p>	<p>Network Technical – Insulation and Diagnostic Testing Meeting Room 217</p> <p><i>Chair: Perry Tonking, Assistant GM Transmission and Distribution Services, Ergon Energy</i></p>	<p>Asset Management Tools and Technologies Meeting Room 218</p> <p><i>Chair: Mike Griffin, Principal Consultant, McGriffin Group</i></p>
	<p>Grid Smart/Customer Smart (Jim Chisholm, Ergon Energy, AUSTRALIA)</p> <p>Power Transformer Health and Replacement Indicies (Arma Alibegovic-Memisevic, Powerlink, AUSTRALIA)</p> <p>Reducing the Risk of Aviation Wirestrike on Integral Energy's Overhead Network (Bruce Scoble, Integral Energy, AUSTRALIA)</p> <p>Determining How Energy Efficient Street Lighting Performs in Hostile Environments – The Queensland Experience (Matthew Dodson, ENERGEX, AUSTRALIA)</p> <p>Enhancement of Condition Analysis and Assessment of On Load Tap Changer Acoustic Monitoring Principles and Techniques (Donald McPhail, Ergon Energy, AUSTRALIA)</p> <p>Condition Monitoring and Diagnostic of MV XLPE Cable Systems (Bolarin Oyegoke, Ergon Energy, AUSTRALIA)</p> <p>Electric Vehicles and their Forecast Impact on the Electricity Network (Justin Harding, Parsons Brinckerhoff, AUSTRALIA)</p> <p>Improving Voltage Unbalance on the Medium Voltage Network (John Sinclair, Country Energy, AUSTRALIA)</p> <p>MW-Scale Electricity Storage Deployed as KW-Scale Systems (Phillip Hutchings, RedFlow Technologies, AUSTRALIA)</p> <p>New Development in Drying Wet Polymeric Cables (Asoka Subhawickrama, EnergyAustralia, AUSTRALIA)</p> <p>When Plug-in meets Peak – the Economics of Plug-in Electric Vehicles and Electricity Grids (Robert Smith, EnergyAustralia, AUSTRALIA)</p>	<p>The NEM: An Open Access Regime (Simon Uthmeyer, DLA Phillips Fox, AUSTRALIA)</p> <p>Securing Customer Loyalty and Revenue in Liberalizing Markets Through Services and Communication (Yochai Glick, Ericsson Australia, AUSTRALIA)</p> <p>Technical Requirements of the National Electricity Rules for Embedded Generation Applications (Dr Chandra Kumble, Hill Michael and Associates Consulting, AUSTRALIA)</p> <p>Energy Networks – Harmonisation of State and Territory Technical and Safety Regulations (Bill Nagle, Chair, Energy Technical and Safety Leaders Group, AUSTRALIA)</p>	<p>Pole Service Life – An Analysis of Country Energy Data (Leith Elder, Country Energy, AUSTRALIA)</p> <p>Large-Scale Fire Test Developed for Poles and the Efficacy of Four Commercially Available Fire Retardant Treatments Determined (David Gardner, Consultant to ENA Power Poles and Crossarm Forum, AUSTRALIA)</p> <p>Increasing Capacity on Existing Single Wire Earth Return (SWER) Distribution Systems (Jonathan Turner, Ergon Energy, AUSTRALIA)</p> <p>Wooden Pole Fire Mitigation Based on Novel Leakage Current Shunting System (Alan Wong, RMIT University, AUSTRALIA)</p>		<p>Modern Lightning Protection System for Substations (Rohit Narayan, ERICO, AUSTRALIA)</p> <p>Mechanical Effects of Short Circuit Forces on Landing Structures in Substations (Asif Bhangor, Sinclair Knight Merz, AUSTRALIA)</p> <p>Engineering for Standardisation and Innovation (Rodney Hughes, UTInnovation, AUSTRALIA)</p> <p>Standardisation of Substation Design: A Paradox? (Anurag Gupta, Aurecon, AUSTRALIA)</p>	<p>Partial Discharge Activity and its Assessment in Bio-degradable Transformer Oil (Associate Professor Trevor Blackburn, University of NSW, AUSTRALIA)</p> <p>Reliability of Dielectric Response Measurements for Estimating Moisture in Oil Impregnated Paper Insulation (Professor Tapan Saha, The University of Queensland, AUSTRALIA)</p> <p>Advanced Insulation Diagnostics by Dielectric Spectroscopy (Alan McGuigan, Omicron Electronics Australia, AUSTRALIA)</p> <p>Efficient Transformer Moisture in Paper Assessment (David Stuart McLennan, SP AusNet, AUSTRALIA)</p>	<p>Manage The Information And The Outage Will Look After Itself (Dene Ward, CitiPower & Powercor, AUSTRALIA)</p> <p>Optimized Decision Making for Asset Investment Planning (Jeff Allen & Tony Saker, UMS Group, AUSTRALIA)</p> <p>Innovative Asset Management Using MTMP and Trafositesting (Dr Peter Werle, ABB AG, GERMANY)</p> <p>Real-time Condition Based Monitoring (Yochai Glick, Ericsson Australia, AUSTRALIA)</p>
1030 – 1100	MORNING TEA						
1100 – 1230	Plenary Session – Young Energy Industry Leaders of the Future Plenary Hall 3 <i>Chair: Bernie Hobbs</i>						
	<p>Customers and Technologies of Energy Networks in 2050 (Michael Stanbury, University of Technology, Sydney-EnergyAustralia)</p> <p>Energy Network Sector in 2050 (Jared McKee & Tom Bakker, ENERGEX)</p> <p>Science Fiction to Reality (Emma Rogers, Queensland University of Technology/ENERGEX)</p> <p>The Energy Network Sector in 2050 - Climate Ready Infrastructure and a Next Generation Grid (Lotte Hoekstra-Fokkink, AECOM)</p> <p>The Future of Natural Gas for Power Generation: Centralised or Decentralised? (Sylvia Low, SP AusNet)</p>						
1230 – 1400	LUNCH Exhibition Lunch Area						
	API Bursary Awards Presentation Future Proofing Australia's Power Engineering Capability Simon Bartlett (API Chairman)						
	Lunch Session – Creating the Culture for Young Leaders to Flourish Bernie Hobbs						
	Conference Close						