

Monday 12 November 2007

8.30am - 10.30am	Energy Delivery Summit: Energy Delivery Solutions To The Climate Challenge				
	Facilitator: George Negus				
	Panel Members: Hon Patrick Conlon, Tim Flannery, Hugh Gleeson, Hon Ian Macdonald, George Maltabarow, Richard Powis, Pornthape Thunyangpochai, CT Wan,				
10.30am - 11.00am	Morning Tea & Exhibition Viewing				
11.00am - 12.30pm	Concurrent Session 1: Asset Management Strategy Geoff Lilliss, EnergyAustralia	Concurrent Session 2: Business Climate Change Andrew Staniford, Envestra	Concurrent Session 3: Capability Of Our People Alan Flett, Integral Energy	Concurrent Session 4: Customer Standards Lynton Jamieson, EnergyAustralia	Concurrent Session 5: Asset Management In South East Asia Bryan Douglas, AEEMA
	Managing the Risks of Melbourne CBD Electricity Network <i>Neil Watt</i>	Climate Change Impacts on Energy Assets <i>Michael Nolan, Mike Fajdiga</i>	People And Skills Powering Australia's Future <i>Mike Griffin</i>	ENA Customer Guidelines for Electricity Supply <i>Steve McHardy</i>	Fuzzy Multicriteria Approach for Power Distribution System Risk Analysis <i>Asawin Rajakrom</i>
	Optimised Decision Making for Asset Management Plans - Trends in the Methodology and Tools <i>Jeff Allen</i>	Vision into Action: Managing the Environmental Legacy of a Network Business <i>Denise Corish</i>	Utilising A Field Assessment Regime To Develop Sustainable Professional Field Skills And Manage Residual Risk Exposure Emanating From Non Compliance <i>Rod Lennox</i>	Development of an Australian Power Quality Standard for Steady State Voltages <i>Peter Wong</i>	Electricity Supply and District Cooling for Energy Saving Buildings at Bangkok Government Center <i>Tosak Thasananutiya</i>
	The Impact of Commodity Prices on Electricity Infrastructure Costs <i>Cliff Jones</i>	Climate Proofing Electricity Network Businesses: Economic Regulation, Risk Management and Clean Energy <i>Chris Dunstan</i>	Innovation in Technical Competency Development Programs <i>Russell Savage</i>	Implementation of Proposed New Performance Standards, Including New Standards for Australia <i>Ian Gibb</i>	The Adoption of Critical Infrastructure Protection Standards in Metropolitan Electricity Authority <i>Wiwat Amornimit</i>
	Australasian Utility Infrastructure Asset Management - Changes, Trends and Challenges <i>Michael Lehner</i>	In the Shadow of the Greenhouse Giant - Links Between Demand Management, Energy Efficiency and the Environment <i>Robert Smith</i>	Australian Electricity Networks And The Resource Crisis: What Businesses Are Doing, What Is Driving It And Where It Will Lead? <i>Ben Connor</i>	Nationally Consistent Performance Measures for Power Supply Reliability <i>Gary Hunter</i>	
			Addressing the Skills Shortage in a High-Growth Environment <i>Tom Emeleus</i>		
12.30pm - 2.00pm	Lunch & Exhibition Viewing				
2.00pm - 3.30pm	Customer Forum: Customer Changing Needs Of 21st Century				
	Facilitator: George Negus				
	Panel Members: Colin Chambers, Roman Domanski, Nick Goodall, Hon Ian McFarlane (invited), Clare Petre, Bernard Salt				
3.30pm - 4.00pm	Afternoon Tea & Exhibition Viewing				
4.00pm - 5.30pm	Concurrent Session 6: Protecting & Responding to Extreme Events Mark De Laeter, Western Power	Concurrent Session 7: Climate Change Impacts on Business & Regulation Panel Session Karen Waldman, Integral Energy	Concurrent Session 8: Asset Management, Planning & Forecasting Trevor Armstrong, Energy Australia	Concurrent Session 9: Asset Management (Substations) Robert Wilson, Wilson's Transformers	Concurrent Session 10: Asset Management (Lines) Mike Griffin, API
	Blackout - A Distributors Perspective of the Victorian Auto-Loadshedding Event on 16th January 2007 <i>Dene Ward</i>	Panel Members: Lawrence Jones Nick Goodall Nick Rowley Perry Sioshansi	Temperature Measurement on Overhead Lines - How to Optimize Network Design and Energy Demand Management <i>Jose Antonio Lozano</i>	Advantages of Transportable Modular Substations <i>Regina Roos, Jason Lacey</i>	EI052-05 Overhead Line Standard - Update On C(B) 1 Guidelines for Design and Maintenance of Overhead Distribution and Transmission Lines <i>Colin Lee</i>
	Critical Infrastructure Protection for Distributed Utility Assets in Australia <i>Peter Whelan & Chris Butler</i>	Andrew Staniford C T Wan Ed Willet	Continuously Updated Models of Loads <i>Gerard Ledwich</i>	Substation Standardisation - New Directions in Standard Designs for Ergon Energy <i>Terry Krieg</i>	A Simple Diagnostic Technique for Condition Assessment of Water-treed 22 kV XLPE Cable Systems <i>Bolarin Oyegoke</i>
	Cyclone Larry - System Performance, Significant Observations and Improvement Opportunities in Organisational Preparedness and Response <i>Geoff Bowes</i>		Planning for Growth in a Major Land Release <i>Charles Howat</i>	Standardising Zone Substations <i>Christina Camilleri</i>	Innovative Solution for Covered Conductor Systems <i>Robert Battle</i>
	Leading Powerlink's Response to Severe Cyclone Larry <i>Simon Bartlett</i>		The LV Planners Dilemma - Bonding with Bondi! <i>David Twigg</i>	Novel Substation Secondary System Design and Implementation Strategy <i>Len Borowski, Nick Ruane</i>	A Re-think on Covered Conductor Systems for Australia <i>Ken Ash</i>

Tuesday, 13 November 2007

7.00am - 8.30am	IBM & Ergon Energy Breakfast - Networks for the 21st Century Keynote: Guido Bartels Panel Members: Jim Bales, Alan Schurr				
8.30am - 10.30am	Concurrent Session 11: Business & Regulatory Strategy Andrew Blyth, Energy Networks Association	Concurrent Session 12: Climate Change Solutions for Asset Management - Panel Session Paul Adams, SP AusNet	Concurrent Session 13: Asset Management (Plant) Sponsored by The Australian Greenhouse Office Russell Ellen, ABB Thailand	Concurrent Session 14: Technical Regulation & Standards (Switchgear & Earthing) Michael Hunnibell, Transend	Concurrent Session 15: International Developments in Gas Distribution Don Plowman, Alinta
	The National Model for Economic Regulation of Energy Networks - Emerging Trends and Issues <i>Garth Crawford</i>	Panel Members: Lawrence Jones Terry Miller Rupert Posner	The Advantage of Using Intelligent Motor Control Systems Under Increased Plant Performance Requirements <i>Gunnar Zank</i>	High Voltage Indication Systems for Switchgears / Safety and Trends <i>Axel Horstmann</i>	International Gas Union <i>John Williams</i>
	Regulation in the UK - to the moon and back? <i>Nick Goodall</i>	Richard Twisk David Laurie	Reactive Power Compensation Solution for Every Situation <i>Mike Wyckmans</i>	Combine A Compact Design In MV Switchgear With Reduced Environmental Impact According To Kyoto Protocol <i>Marco Maywald</i>	Recent developments and regulatory changes in the UK Distribution Network <i>Richard Haddon</i>
	Title TBA <i>Ed Willett</i>		Sensitive PD-Measurements on Power Transformers by Synchronous Multi-Channel - Data Acquiring <i>Alan McGuigan</i>	ENA Earthing Working Group <i>Tony Gillespie</i>	The International Gas Union and Gas Transmission/Distribution <i>Barbara Jinks</i>
	The Climate Problem - New Ways to Incentivise Solutions <i>Nick Rowley</i>		An Innovative Approach to Substation Maintenance and Plant Failure with the Use of Variable Voltage Mobile Substations <i>Kerry Williams</i>	Managing Sulphurhexafluoride (SF6) Equipment for the Benefit of the Environment. <i>Dieter Hadrian</i>	The Image of Natural Gas Industry in Iran <i>Hedayat Omidvar</i>
	Regulatory Strategy in USA - What Works and What is the regulatory environment going to look like in 21st century <i>Perry Sioshansi</i>		Improving the Reliability/Maintainability Factor in Power Station and Sub-station DC Systems <i>Andrew Reid</i>	NEOn - An Innovate Solution to the Distribution Earthing Design Problem <i>Gordon McMurray</i>	
			MEPS 2 - The next stage of Minimum Efficiency Performance Standards for power distribution transformers <i>Trevor R Blackburn</i>		
10.30am - 11.00am	Morning Tea & Exhibition Viewing				
11.00am - 12.30pm	Concurrent Session 16: Demand Management Rod Howard, Integral Energy	Concurrent Session 17: Asset Management - Networks of the Future Peter McIntyre, TransGrid	Concurrent Session 18: Asset Management Renewal Craig Moody, EnergyAustralia	Concurrent Session 19: Asset Management Transmission Terry Miller, Powerlink Queensland	Concurrent Session 20: Developing Modern Gas Distribution Standards for Australia Phil Coulton, Country Energy Gas Pty Limited
	COAG Decisions on Smart Metering and Demand Management: An ENA Assessment of Progress and Issues <i>Alexandra Curran</i>	Network of the Future <i>George Maltabarow</i>	Asset Replacement Expenditure Planning integrating Asset Condition and Failure Rates <i>Florencia Castro-Sayas</i>	Grid Connection Challenges: Remote/Renewable Generation <i>Anurag Gupta</i>	Development of the New Australian Gas Distribution Standard <i>Mark Beech</i>
	Townsville: Queensland Solar City Demand Management <i>Grahame Foulger</i>	Technology Planning Roadmap <i>Michael Gregg</i>	Condition Based Risk Management - Empowering the Executive Suite with Engineering Knowhow <i>Charles Williamson, David Hughes</i>	Innovative Urban Transmission Lines <i>Tony Gillespie</i>	The High Pressure Gas Industry, AS2885 an Australian Pipeline Industry Association and Technical Regulator World Class Standard <i>Ian Haddow</i>
	The Energy Efficiency Strategy at Integral Energy <i>Maree Zammit</i>	Intelligent Technology for the Support of Long Term Network Planning & Asset Security <i>Martin Butler</i>	Managing Ageing Assets - Understanding your assets to develop a comprehensive replacement program <i>Gary Edwards</i>	Innovative Asset Management Solutions Through R&D <i>David Allan</i>	Renewal of Old Gas Systems with 600mm Diameter Polyethylene Pipe <i>Neil Pendergast</i>
		Delivering Key Asset Management Objectives through Highly Integrated, Common Platform Substation Automation Solutions <i>Ian Lowry, Mike Kockott</i>	The Impact of Life Cycle Management on Australian Utilities <i>Jeff Walker</i>	A Cost Effective Approach to Improving Existing Overhead Transmission Line Ratings <i>Devang Joshi, Steven Williams</i>	Ensuring Asset Integrity through Effective Use of Corrosion Protection Systems <i>Alreza Koukhan</i>

12.30pm - 2.00pm Lunch & Exhibition Viewing					
2.00pm - 3.30pm	Concurrent Sesion 21: Climate Change and Demands Management (Trials & Pilots) Panel Session Simon Bartlett, Powerlink Queensland	Concurrent Session 22: Asset Management Reliability Solutions Richard Twisk, ETSA Utilities	Concurrent Session 23: Customer Solutions John Devereaux, Aurora	Concurrent Session 24: Asset Management (Data & Info) Ian McLeod, Ergon Energy	Concurrent Session 25: New Approaches To Gas Marketing & Network Growth - Panel Session Peter Harcus, Alinta
	Panel Members: Ezra Beeman Paul Grahame Budde Grahame Foulger Steve Lette Lewis Owens Perry Sioshansi Michael Zammit	Network Supply Reliability Improvement Opportunities for Unplanned Interruptions <i>Craig Savage</i> Vegetation Management - A Distribution Perspective <i>Paul Blackmore</i> Reliability Centred Asset Management - Process Overview and Practical Application <i>Michael Schwan</i> Managing Individual Customer Reliability Performance <i>Gary Hunter</i> Title TBA <i>Tas Scott</i>	Apollo Bay Loop Automation Scheme <i>John Garvey</i> Magnetic Island's Reticulation Issues Solved as a Solar Suburb <i>Dave Shephard</i> A Geospatial Approach to Asset Management & Performance Improvement Decisions <i>Peter Goninon</i> Community Consultation: Achieving Balanced Outcomes in the Regulated 21st Century <i>Graham Lucas</i>	National Land Management Guidelines <i>Stephen Martin</i> Alternative Network Performance Data for Modern Distribution Utilities <i>Peregrine Tonking</i> How Can You Manage What You Can't Measure? <i>Huw Wilkinson</i> ActewAGL's Paperless Pole Inspection Process <i>David Glavas</i>	Gas Market Snapshot and the Gas Industry Alliance <i>Peter Harcus</i> Gas Network Marketing & Key Drivers to Grow the Gas Market <i>Dale Weber</i> Growing Gas Demand in the Toughest Market, Queensland <i>Rod Johannessen</i> NGV - Has the Time arrived? <i>Andrew Staniford</i>
3.30pm - 4.00pm Afternoon Tea & Exhibition Viewing					
4.00pm - 5.30pm	Concurrent Session 26: Technical Regulation Strategy Chris Arnold, ENERGEX	Concurrent Session 27: Energy Delivery Capability Mike Fajdiga, Maunsell	Concurrent Session 28: Power Presentations Max Garner, Max Garner & Associates	Concurrent Session 29: Advanced Metering Mike Zammit, Energy Response	Concurrent Session 30: Developing The Skills For A Vibrant Gas Industry Peter Buck, SP AusNet
	Cutting Costs through Innovation and Specification <i>Anthony Walsh</i> Industry Regulation: Getting the Balance Right <i>Peter Lamont</i> National Energy Technical & Safety Regulation <i>Michael Kilgariff</i> The ARPANSA ELF Standard - Regulation, Compliance and Precaution <i>Andrew Wood</i>	Panel Members: Tony Bennett Alan Flett John Vines	Protecting Network Assets From Bushfire Attack <i>Phil Walters, Martin Legg</i> Reliability Improvement and Asset Protection of Electrical Power Networks By Mitigation Of Fauna Induced Outages <i>Sunil Kumar</i> Introduction to 'National Guidelines For Safe Vegetation Management Work Near Live Overhead Powerlines' <i>Mark Carroll</i> Vegetation Management and Bush Fire Mitigation through (LiDAR) Laser Imaging Detection and Ranging <i>Peter Ayre</i>	'Smart Metering' May Be Used To Solve a Utility's Changing Needs <i>Brian Kingham</i> EnergyAustralia's Time of Use Meter Program: Is It Delivering? <i>Chris Amos</i> Preparations for rolling out AMI in Victoria <i>Phil Perry</i> COAG's National Framework on Smart Meters' <i>E. Sarea Coates</i>	Skills Shortages in the UK <i>John Williams</i> Developing a National Gas Passport Peter Buck Training Competent People in the Gas Industry <i>Neil Williams</i> Industry Leadership in Training Outcomes <i>Catherine Vandermark</i>
7.00pm - 12.00am	Conference Dinner				

Wednesday, 14 November 2007

8.30am - 10.30am	Concurrent Session 31: Asset Management (Lines) Neil Lowry, Ergon Energy	Concurrent Session 32: Safety & Standards Sponsored by Elliot Australia Gary Reeves, Citipower/Powercor	Concurrent Session 33: Power Presentations Neil Watt, Citipower	Concurrent Session 34: Energy Delivery Capability Peter Price, ENERGEX	Concurrent Session 35: Technical Regulation & Standards Testing John Tucker, Standards Australia
	Addressing Current Issues Related to Hard Wood Power Poles <i>Terry Lampard</i>	Measuring Effective OHS Performance <i>Darryl Ramm</i>	Ensuring Proper Earthing for the Life of a Substation <i>Dale Boling</i>	Lessons Learnt Implementing Field Force Automation <i>Margie Joyce</i>	DNP3 Security: Challenges and Solutions <i>Alan Scott</i>
	Composite Fibre Crossarms - Some Years On <i>Michael Kemp</i>	Introduction to National Electricity Network Safety Code <i>Mark Carroll</i>	New Approaches for Protection of Substations Against Lightning Strikes <i>Rohit Narayan</i>	Use of Helicopters for Network Activities within Integral Energy <i>Bruce Scoble</i>	New Australian Standard on HV Installations <i>Alex Baitch, Johit Das</i>
	Composite Technology on Overhead Lines <i>Colin Lee</i>	Electrical Safety in the Workplace Arc Flash PPE and International Standards <i>Hugh Hoagland</i>	Bella Vista Zone Substation Planning and Development <i>Ty Christopher</i>	We Need to Pause and Think Strategically for Optimal HV Live Working Development in a Rapidly Changing Marketplace, Weather Patterns, Standards Changing and New Innovations - Some Lessons from ESMO 2006 <i>David Eccles</i>	Techniques for the Control of Steady State Voltage in Medium Voltage and Low Voltage Networks <i>Robert Barr</i>
	Remote Validation of Phasing on Distribution Networks <i>Craig Taylor, Michel Philip</i>	Health, Safety & Environment in Design <i>Debasis Banerjee</i>	CityGrid 110 kV Network Development <i>Greg Hope</i>	Design Management and Its Role in Infrastructure Delivery <i>Colin Harrison</i>	Australian Electricity Industry Approach to the Adoption of IEC Standard Voltage of 230 Volts <i>Dino Patroni</i>
	The Merriwa Fault Locating System - Four Years of Service Performance <i>Charles Williamson, Terry Lampard</i>		Vineyard to Rouse Hill Electricity Upgrade-Stakeholder and Community Management <i>Robert Moore</i>	FEED to Survive – It's a Project Jungle Out There <i>Hemant Kumar</i>	Impact of IEC61850 on Commissioning and Testing Protection Systems <i>Alan McGuigan</i>
			Advanced PD Monitoring of Power Transformers supporting Asset Management <i>Sacha Markalous</i>		
			Modern Developments in HV Testing <i>Thomas Strehl</i>		
			A Low Viscous Vegetable Oil-based Dielectric Fluid to Meet the Current as well as Future Technical and Environmental Challenges <i>Md Amanullah</i>		
			Assessment of Temperature-Corrected Demands and Load Growth of 11kV Feeders in ENERGEX <i>Desmond O'Flynn</i>		
			Preparing the Future: Building A World Class Load Management Infrastructure <i>Andrew Gillespie</i>		
			Australian Smart Rollout AIMRO - The Implications for Distribution and Retailer Core Back Office Systems <i>Fank Pandazopoulos</i>		
			Roadmap for Network Demand Management – A Collaborative Jurisdictional Approach <i>Matthew Dodson</i>		
			The Undiscovered Country <i>Huw Wilkinson</i>		
			EnergyAustralia's Asbestos Management Program <i>George Szyszkowski</i>		
			Progress in the Application and Deployment of Broadband Over Powerline Systems on Utility and Private Networks in Australia and Elsewhere <i>Dieter Hadrian</i>		

10.30am - 11.00am	Morning Tea & Exhibition Viewing				
11.00am - 12.30pm	Concurrent Session 36: Business & Regulatory <i>Karen Waldman, Integral Energy</i>	Concurrent Session 37: Asset Management Technology 2 <i>Lionel Smyth, TransGrid</i>	Concurrent Session 38: Power Presentations (Young Leaders) <i>Terry Effenev, ENERGEX</i>	Concurrent Session 39: Asset Management Renewal <i>Craig Moody, EnergyAustralia</i>	Concurrent Session 40: Climate Change Solutions for Technical Regulation and EMF Update - Panel Session <i>Michael Kilgariff, Energy Networks Association</i>
	Network Impacts of Greenhouse Emissions Trading <i>Ben Kearney</i>	Outage Management System Implementation <i>Ian Michelutti, Peter Langdon</i>	Refrigerant Cooling of Power Transformers <i>Amy Lester</i>	An Intelligent Diagnostic Equipment for Condition Monitoring of Power[[Transformer Based on Polarisation and Depolarisation Current (PDC) <i>Tapan Saha</i>	Panel Members: Martin Lindsay Kevin Nuttall Garry Reeves
	The Future of Energy Networks <i>Karl Edwards, Michael Meraklis</i>	Using Distribution Management System to automate customer supply restoration <i>Peter Wong</i>	Picton Ice Storage Trial <i>Paul Matlawski</i>	Retro-fitting Techniques: Benefits and Pitfalls <i>Andy Seccombe</i>	
	Regulatory Reform and the Determination Process <i>Michael Martinson</i>	Advanced Power Automation Technology Preventing System Disturbances <i>Michael Schwan</i>	Application of Spatial Load Forecasting and Substation Location Optimisation Tools <i>David Ingram</i>	Asset Renewal Planning in Integral Energy <i>Michael Tamp</i>	
	Change Management in Regulation - Case Studies and Lessons for Changing Regulatory Paradigms <i>Geoff Lillis</i>	O&M - Improving the Customer's Experience Through Better Outage Management and Reporting <i>David Stonehouse</i>		Experience with Using Cable Rejuvenation Techniques for Distribution Power Cable Asset Refurbishment <i>Keith Lanan</i>	
12.30pm - 2.00pm	Lunch & Exhibition Viewing				
2.00pm - 3.00pm	Plenary Session: The Future of Our Industry as Seen Through the Eyes of Our Young People - Peter Sheahan <i>Aaron Settineri, Albert Pors, Gordon Draper, Kris Shankar, Riley Brin</i>				
3.00pm - 3.30pm	Summing Up on the Energy Delivery Changing Needs & Solutions for the 21st Century				