

## Wednesday 16 March 2022

5.30-7.00pm Welcome reception - Sponsored by Horizon Power - Exhibition hall, Brisbane Convention Exhibition Centre

## Thursday 17 March 2022

7.30am Exhibition hall opens

8.30am **Conference Opening: Andrew Dillon, CEO Energy Networks Australia**

8.40am Official conference opening: QLD Premier TBC

8.50am Keynote address: Distinguished Professor Genevieve Bell AO, Director, School of Cybernetics on 'What history can teach us about the future of energy'.

9.20am **Plenary One - Data to enable the energy transformation - Sponsored by CutlerMerz**

**Moderator:** Brian Spak, ECA

Daniel Westerman, CEO, Australian Energy Market Operator

Anna Collyer, Chair, Australian Energy Market Commission

John Cleland, CEO, Essential Energy

Bernard Norton, MD, Hitachi ABB Power Grids

10.30am **Morning tea in exhibition hall**

11.10am **Concurrent Session One - sponsored by Frontier Economics**

**Stream A1 - Digital destiny - data transforming asset management**

**Moderator:**

**Automating strategic planning to respond to an uncertain future**

Dr Andrew Thomas, Energy Queensland

**Digital asset inspection**

Peter McKay, Powercor, CitiPower and United Energy

**Grid transformation engine - translating concepts into reality**

Ben Bristow, Western Power

**Decision making under uncertainty for low-carbon energy system planning**

Prof Pierluigi Mancarella, University of Melbourne

**Stream B1 - Connecting the low emissions future**

**Moderator:** Peter Price, Energy Queensland

**Renewable energy zones - from talk to action - making them happen**

Jess Hunt, Radbone

**Transmission developments supporting energy transformation in South Australia and the NEM**

Rainer Korte, ElectraNet

**Effectiveness of grid forming batteries in supporting inverter based renewable generation**

Sachin Goyal, Powerlink

**Marinus Link- unlocking the battery of the nation**

Bess Clark - TasNetworks

**Stream C1 - Implementing post 2025 - NEM 2.0?**

**Moderator:** Alida Jansen van Vuuren, Ausgrid

**Changing the rules - what comes next**

David Feeney, AEMC

**Post 2025 - Implementing the priorities for customers**

Gavin Dufty, St Vincent de Paul

**DEIP - a framework for realising the decentralised transition**

Craig Chambers, ARENA

**Delivering the future network**

Sonja Lekovic, CitiPower Powercor  
United Energy

**Stream D1 - Gas evolution: the customer journey**

**Moderator:** Sabiene Heindl, Energy Charter

**Best practice customer engagement**

Usman Saadat, Jemena

**Providing more assistance to customers in vulnerable circumstances**

Kristen Pellew, Australian Gas Infrastructure Group

**Communication channel optimisation - Keeping connections networked**

Dr David Paterno, Future Fuels CRC

**Natural Gas - Voice of the customer**

Duncan Rusby, Sagacity Research

<b>12.20pm Lunch in exhibition hall</b>			
1.25pm Moving to an increasingly renewable system: Phil Hirschhorn, MD & Senior Partner, BCG			
1.45am Keynote address: Dr Alan Finkel AO, Chair, Low Emissions Technology Investment Advisory Council on 'Accelerating the move to a hydrogen economy'			
<b>2.15pm Plenary Two - Greening gas – challenges and opportunities - Sponsored by GHD</b>			
<b>Moderator:</b> Mark Patterson, Strategen		Prof. Peta Ashworth, University of Queensland	
Anna Skarbek, CEO, Climate Works		TBC, CEO, Australian Gas Infrastructure Group	
Paul McCartney, Chief Clean Futures Officer, Clean Energy Finance Corporation			
<b>3.25pm Afternoon tea in exhibition hall</b>			
<b>4.05pm Concurrent Session Two - sponsored by PwC</b>			
<b>Stream A2 - Big data – delivering for customers</b>	<b>Stream B2 - Evolving regulation to encourage investment</b>	<b>Stream C2 - A smarter, safer, stronger grid</b>	<b>Stream D2 - The battery balanced grid</b>
<b>Moderator:</b> Kellie Caught, ACOSS	<b>Moderator:</b> Nick Wills-Johnson, AGIG	<b>Moderator:</b> Kirstan Wilding, TasNetworks	<b>Moderator:</b> Jill Caine, Energy Networks Australia
<b>What data has taught us during COVID about energy consumption</b> Nick Cimdins, AusNet Services	<b>Competitive threats and major transmission investment</b> Euan Morton, Principal, Synergies Economic Consulting	<b>Strengthening Australia's grid and leadership in the global energy transition</b> Kate Cavanagh, CSIRO	<b>Lessons learnt on battery energy storage from Dalrymple</b> Hugo Klingenberg, ElectraNet
<b>Utility Big Data: Australia's first utility scale trial of synchrophasor data acquisition on the medium voltage grid</b> Martin van der Linde, NOJA Power	<b>Cost/risk sharing for investment for the strategic investments needed for the energy transition</b> Craig Memery, Public Interest Advocacy Centre	<b>Transmission line resilience issues under extreme weather events</b> Asif Bhangor, Jacobs	<b>Redrawing the network map: energy storage as virtual transmission</b> Lara Panjkov, Fluence
<b>Data is the new black</b> Brendon Crown, Power and Water Corporation	<b>The inter-relationship between DER and the regulatory regime</b> Ann Whitfield, HoustonKemp Economists	<b>Unmanned aircraft vehicle (drone) high voltage power line stringing program</b> Craig Stellan, TransGrid	<b>Energy storage to enable a 100% renewable and reliable NEM</b> Kevin Nitschke, Lockheed Martin Energy
<b>Network performance analytics and scenario modelling: RTE case study</b> Dr Zeljko Schreiner, IPS-Intelligent process solutions GmbH	<b>Incentive Regulation: an incomplete journey</b> Garth Crawford, Energy Networks Australia	<b>Preparing tomorrow's grid: harmonising people alongside artificial intelligence</b> Dr Peter Sokolowski, RMIT	<b>WA community battery projects - how storage helps support a high DER grid</b> Kathryn Granheim, Western Power
<b>5.15pm Poster Session (sponsored by Accenture) and happy hour drinks in Exhibition Hall</b>			
<b>6.30-10.30pm Conference Gala Dinner – sponsored by Schneider Electric</b>			

## Friday 18 March 2022

7.30am	Exhibition hall opens			
8.30am	<b>Conference opens: MC Tamatha Smith, GM Corporate Affairs and Western Australia, Energy Networks Australia</b>			
8.35am	Keynote address: Minister for Energy and Emissions Reduction, Hon. Angus Taylor MP, on <i>'The Commonwealth Government's perspective on the challenges and opportunities presented by the transformation of our energy system'</i>			
8.50am	International keynote address: Dermot Nolan, Director, Fingleton and former CEO OFGEM on <i>'Regulating networks for a low emission future'</i> .			
9.20am	<b>Plenary Three - The energy future: who pays? - Sponsored by Siemens</b>			
	<b>Moderator:</b> Perry Williams, The Australian Kane Thornton, CEO, Clean Energy Council Richard Gross, CEO, Ausgrid		Clare Savage, Chair, Australian Energy Regulator Andrew Richards, CEO, Energy Users Association of Australia	
10.30am	<b>Morning tea in exhibition hall</b>			
11.05am	<b>Concurrent Session Three - sponsored by Enzen</b>			
	<b>Stream A3 - VPPs becoming reality</b>	<b>Stream B3 - Regulation: from building blocks to service based?</b>	<b>Stream C3 - Social licence - the real power of connection</b>	<b>Stream D3 - It's gas, but not as you know it</b>
	<b>Moderator:</b> Jo Pafumi, CitiPower Powercor United Energy	<b>Moderator:</b> Renate Vogt, Powercor	<b>Moderator:</b> Michael Dart, Energy Queensland	<b>Moderator:</b> Dr Amy Philbrook, ARENA
	<b>Laying the foundations for a high DER future in South Australia</b> Brendon Hampton, SA Power Networks	<b>Reflections on how the customer forum has changed AusNet Services</b> Charlotte Eddy, AusNet Services	<b>Community engagement - ask early, ask often</b> Nicole Maguire, Powerlink Queensland	<b>Hydrogen in transport</b> Fiona Simon, Australian Hydrogen Council
	<b>Horizon Power's DER Management Platform</b> Lee Ucich, Horizon Power	<b>Network regulation in a high DER world</b> Ed Chan, Australian Energy Market Commission	<b>Acting on lessons learned from major infrastructure upgrades</b> Dr Carol Bond, RMIT University, School of Management	<b>Renewable hydrogen- progress and what's next</b> Kapz Malhotra, ATCO
	<b>Accelerating DER Integration through Interoperability</b> Lachlan Blackhall, ANU	<b>Network pricing, future roles and functions of networks</b> Mark Feather, Australian Energy Regulator	<b>Factors influencing household support for and resistance to regulation of solar feed in and central coordination of DER</b> Kevin Chadwick, ANU / Department of Industry, Science, Energy & Resources	<b>Hydrogen is Plan A - HyP SA, the first step to hydrogen networks</b> Craig de Laine, Australian Gas Infrastructure Group
	<b>How can Distribution Network Operators maximise the opportunity of flexible energy resources and markets?</b> Ian McLeod, Enzen	<b>Giving customers what they want through the regulatory process</b> Shaun Reardon, Jemena	<b>Working with stakeholders to deliver improvements to the community and reduce vegetation clearance requirements</b> Alexandra Lewis, SA Power Networks Kelvin Trimper, Chair Arborist Reference Group and Advisory Committee	<b>Central Queensland green hydrogen project</b> Richard Jeffery, Stanwell Corporation

<b>12.15pm</b> Lunch in exhibition hall			
<b>1.20pm</b> Plenary Four - Network report card: the customer journey - Sponsored by Schneider Electric			
<b>Moderator:</b> Amy Bainbridge, ABC Andrew Dyer, Australian Energy Infrastructure Commissioner		Lauren Solomon, CEO, Consumer Policy Research Centre Gareth O'Reilly, Zone President and MD Pacific, Schneider Electric	
<b>2.30pm</b> Afternoon tea in exhibition hall			
<b>3.05pm</b> Concurrent Session Four - sponsored by farrierswier			
<b>Stream A4 - Electric vehicles and distributed energy resources - a smooth road ahead?</b>  <b>Moderator:</b> Christina Green, Energy Queensland  <b>The impact of electric vehicles on UK networks, including Welsh Western Power 'Electric Nation' initiative</b> Yogendra Vashishtha, EA Technology  <b>For long haul: EVs in QLD</b> Carly Irving, Yurika  <b>Large scale network and system integration of EVs</b> Prof Luis (Nando) Ochoa, Uni of Melbourne  <b>Developing and rolling out end to end EV charging solutions in Australia</b> Tim Washington, Chair Electric Vehicle Council and CEO Jet Charge	<b>Stream B4 - Pricing reform - are we there yet?</b>  <b>Moderator:</b> Chantal Hopwood, TasNetworks  <b>International perspective</b> Jonathan Mirrlees-Black, CEPA  <b>Cost reflective pricing reform</b> Emily Brown, ActewAGL  <b>How network businesses should price the services that are provided by distributed energy resources (DER)?</b> Rohan Harris, Oakley Greenwood  <b>Pricing reform - where we've been and where we need to go.</b> Dale Johansen, AER	<b>Stream C4 - Gas supporting the clean energy transition</b>  <b>Moderator:</b> Dr Dennis Van Puyvelde, Energy Networks Australia  <b>Decarbonising gas networks through collaborative research</b> David Norman, FFCRC  <b>Social Acceptance - Engaging on Australia's first hydrogen blending projects</b> Kristin Raman, Australian Gas Infrastructure Group  <b>An integrated Electricity-Gas-Hydrogen system model for decarbonisation scenario analysis and planning</b> Dr Sleiman Mhanna, University of Melbourne  <b>An assessment of hydrogen / natural gas fuel blends in gas appliances and industrial processes</b> Professor Peter Ashman, University of Adelaide	<b>Stream D4 - SAPS and microgrids - a macro issue</b>  <b>Moderator:</b> Jacqui Bridge, Powerlink  <b>Network resilience to major events</b> Scott Ryan, Endeavour Energy  <b>Carnarvon microgrid trial</b> David Edwards, Horizon Power  <b>Will regional network resilience become a bi-product of investor/ community owned microgrids?</b> Juergen Zimmermann, Hitachi ABB Power Grids  <b>Mallacoota grid energy storage system project</b> Justin Harding, AusNet Services
<b>4.15-5.15pm</b> Farewell drinks and conference wrap in Mezzanine Concourse - Andrew Dillon, CEO Energy Networks Australia			