

Wednesday 16 March 2022

5.30-7.00pm Welcome reception - Sponsored by Horizon Power - mezzanine concourse, 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 Welcome: Annastacia Palaszczuk, Premier of Queensland and Minister for the Olympics

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, Director, ECA

Kathie Standen, EGM, Australian Energy Regulator

John Cleland, CEO, Essential Energy

Bernard Norton, MD, Hitachi Energy

Richard McIndoe, Exec Chair, Edge Zero

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: Nicole Eastoe, TasNetworks

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: Jason Hall, Energy Queensland

Renewable energy zone scheme design - issues and challenges

Jess Hunt, Energy Security Board

Transmission developments supporting energy transformation in South Australia and the NEM

Rainer Korte, ElectraNet

Queensland's renewable supergrid

Daniel Andersen, 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

Danielle Beinart, 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

Dr Stephanie Judd, Australian Gas Infrastructure Group

Communication channel optimisation - Keeping connections networked

Dr David Paterno, RMIT

Natural Gas - Voice of the customer

Duncan Rusby, Sagacity Research

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

Friday 18 March 2022

7.30am Exhibition hall opens

8.30am Conference opens: MC Tamatha Smith, GM, Energy Networks Australia

8.35am Keynote address: Minister for Energy and Emissions Reduction, Hon. Angus Taylor MP, on *'The Commonwealth Government's perspective on the challenges and opportunities presented by the transformation of our energy system'*.

8.50am International keynote address: Dermot Nolan, Director, Fingleton and former CEO OFGEM on *'Regulating networks for a low emission future'*.

9.20am Keynote address: Shadow Minister for Climate Change and Energy, Hon. Chris Bowen MP on *'How Australia can achieve net zero by 2050'*.

9.35am Plenary Three - The energy future: who pays? - Sponsored by Siemens

Moderator: Perry Williams, The Australian

Andrew Richards, CEO, Energy Users Association of Australia

Kane Thornton, CEO, Clean Energy Council

Anna Collyer, Chair, Australian Energy Market Commission

Richard Gross, CEO, Ausgrid

10.45am Morning tea in exhibition hall

11.15am Concurrent Session Three - sponsored by Enzen

Stream A3 - VPPs becoming reality

Stream B3 - Regulation: from building blocks to service based?

Stream C3 - Social licence - the real power of connection

Stream D3 - It's gas, but not as you know it

Moderator: Jo Pafumi, CitiPower Powercor United Energy

Moderator: Renate Vogt, CitiPower Powercor United Energy

Moderator: Michael Dart, Energy Queensland

Moderator: Alex McIntosh, ARENA

Laying the foundations for a high DER future in South Australia

Bryn Williams, SA Power Networks

Reflections on how the customer forum has changed AusNet Services

Charlotte Eddy, AusNet Services

Community engagement - as early, as often

Nicole Maguire, Powerlink Queensland

Hydrogen in transport

Dr Fiona Simon, Australian Hydrogen Council

Horizon Power's DER Management Platform

Rhys Carey, Horizon Power

Network regulation in a high DER world

Ed Chan, Australian Energy Market Commission

Acting on lessons learned from major infrastructure upgrades

Dr Carol Bond, RMIT University, School of Management

Renewable hydrogen- progress and what's next

Kapz Malhotra, ATCO

Accelerating DER Integration through Interoperability

Dr Lachlan Blackhall, ANU

Network pricing, future roles and functions of networks

Mark Feather, Australian Energy Regulator

Factors influencing household support for and resistance to regulation of solar feed in and central coordination of DER

Kevin Chadwick, ANU / Department of Industry, Science, Energy & Resources

Central Queensland green hydrogen project

Richard Jeffery, Stanwell Corporation

How can Distribution Network Operators maximise the opportunity of flexible energy resources and markets?

Ian McLeod, Enzen

Giving customers what they want through the regulatory process

Dr Shaun Reardon, Jemena

Working with stakeholders to deliver improvements to the community and reduce vegetation clearance requirements

Alexandra Lewis, SA Power Networks
Kelvin Trimper, Chair Arborist Reference Group and Advisory Committee

Western Sydney Green Gas Project - a case study in green hydrogen

Jarrold Irving, Jemena Zinfra

12.25pm Lunch in exhibition hall

1.25pm Plenary Four - Network report card: the customer journey - Sponsored by Schneider Electric

Moderator: Amy Bainbridge, ABC
 Andrew Dyer, Australian Energy Infrastructure Commissioner
 Lynne Gallagher, CEO, Energy Consumers Australia

Gareth O'Reilly, Zone President and MD Pacific, Schneider Electric
 Stephanie Unwin, CEO, Horizon Power

2.35pm Afternoon tea in exhibition hall

3.05pm Concurrent Session Four - sponsored by farrierswier

Stream A4 - Electric vehicles and distributed energy resources - a smooth road ahead?	Stream B4 - Pricing reform - are we there yet?	Stream C4 - Gas supporting the clean energy transition	Stream D4 - SAPS and microgrids - a macro issue
<p>Moderator: Christina Green, Energy Queensland</p> <p>The impact of rapidly increasing electric vehicle charging points connection requests - how are UK distribution networks turning this to their advantage? Mark Sprawson, EA Technology</p> <p>For long haul: EVs in QLD Carly Irving, Yurika</p> <p>Increasing the EV hosting capacity of Australia's grids Prof Luis (Nando) Ochoa, University of Melbourne</p> <p>Developing and rolling out end to end EV charging solutions in Australia Tim Washington, Chair Electric Vehicle Council and CEO Jet Charge</p>	<p>Moderator: Chantal Hopwood, TasNetworks</p> <p>International perspective Jonathan Mirrlees-Black, CEPA</p> <p>Cost reflective pricing reform Emily Brown, ActewAGL</p> <p>How network businesses should price the services that are provided by distributed energy resources (DER)? Rohan Harris, Oakley Greenwood</p> <p>Pricing reform - where we've been and where we need to go. Dale Johansen, AER</p>	<p>Moderator: Dr Dennis Van Puyvelde, Energy Networks Australia</p> <p>Decarbonising gas networks through collaborative research David Norman, FFCRC</p> <p>An integrated Electricity-Gas-Hydrogen system model for decarbonisation scenario analysis and planning Dr Sleiman Mhanna, University of Melbourne</p> <p>An assessment of hydrogen / natural gas fuel blends in gas appliances and industrial processes Dr Neil Smith, University of Adelaide</p> <p>Hydrogen is Plan A - HyP SA, the first step to hydrogen networks Kristin Raman, Australian Gas Infrastructure Group</p>	<p>Moderator: Jacqueline Bridge, Powerlink</p> <p>Network resilience to major events Scott Ryan, Endeavour Energy</p> <p>Carnarvon microgrid trial David Edwards, Horizon Power</p> <p>Will regional network resilience become a bi-product of investor/ community owned microgrids? Juergen Zimmermann, Hitachi Energy</p> <p>Mallacoota grid energy storage system project David Nguyen, AusNet Services</p>

4.15-5.15pm Farewell drinks and conference wrap in mezzanine concourse - Andrew Dillon, CEO Energy Networks Australia



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