

## Wednesday, 14 October 2020

Two optional delegate tours. See website for more information and register at [EN2020.com.au](http://EN2020.com.au)

### Tour 1 activities

- 8.15am Registration at Brisbane Convention Exhibition Centre (BCEC)
- 8.50am **Australian Energy Market Operator**  
National Energy Market (NEM) overview presentation including: training facility and control room.
- 10.05am **University of Queensland**  
Solar Research overview of UQ Renewable Energy Lab and Energy Testlab.
- 11.15am **Springfield City Group**  
Presentation on Zero Net Energy Vision.

### 12.30pm Networking lunch at Brookwater Golf and Country Club

- 2.15pm **Tritium**  
E-mobility presentation from supplier of electric vehicle DC fast charging technology and renewable energy.
- 3.45pm Arrive BCEC

### Tour 2 activities

- 8.50am Registration at Brisbane Convention Exhibition Centre (BCEC)
- 9.30am **Tritium**  
E-mobility presentation from supplier of electric vehicle DC fast charging technology and renewable energy.
- 11.15am **Springfield City Group**  
Presentation on Zero Net Energy Vision.

### 12.30pm Networking lunch at Brookwater Golf and Country Club

- 2.00pm **Redback:** Tour R&D centre to see smart Hybrid Inverter.
- 2.45pm **The University of Queensland**  
Australasian Transformer Innovation Centre
- 3.50pm Arrive BCEC

5.30pm - 7.00pm Welcome reception - Exhibition hall, Brisbane Convention Exhibition Centre



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## Thursday, 15 October 2020

7.30am Exhibition hall opens

### 8.30am Conference opening: Welcome to Country

8.40am Welcome: Andrew Dillon, CEO Energy Networks Australia

8.50am Official conference opening: Annastacia Palaszczuk, Premier of Queensland (TBC)

9.00am International keynote address: Chris Kutarna - Futurist (UK)

9.30am International keynote address: Mr Wong Kim Yin, Group CEO, SP Group (Asia)

### Plenary One - Data to enable the energy transformation - Sponsored by CutlerMerz

10.00am Moderator: Brian Spak, CSIRO  
John Cleland, CEO, Essential Energy

Phil Blythe, CEO GreenSync  
Claudio Facchin, President, Power Grids, ABB

Merryn York, Commissioner, AEMC

### 11.10am BREAK

### 11.45am Concurrent Session One

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

**Automating strategic planning to respond to an uncertain future**  
Dr Andrew Thomas, Energy Queensland

**Digital asset inspection**  
Luke Skinner, Powercor, CitiPower and United Energy

**Decision making under uncertainty for low-carbon energy system planning**  
Pierluigi Mancarella, Uni of Melbourne

**Grid transformation engine - translating concepts into reality**  
Ben Bristow, Western Power

**Network performance analytics and scenario modelling: RTE case study**  
Dr Zeljko Schreiner, IPS-Intelligent process solutions GmbH

#### Stream B1 - Connecting the low emission future

**Integrated system planning - what does the new Rules framework mean for the NEM?**  
Jess Hunt, AEMO

**Transmission developments supporting energy transformation in South Australia and the NEM**  
Rainer Korte, ElectraNet

**Investigation into the merits of a co-ordinated and centralised approach to system strength provision**  
Jonathan Dennis, Powerlink

**Marinus Link- unlocking the battery of the nation**  
Bess Clark - TasNetworks

#### Stream C1 - Post-2025 - NEM 2.0?

**Changing the rules - what comes next**  
David Feeney, AEMC

**Post 2025 - the priorities for customers**  
Gavin Dufty, St Vincent de Paul

**The review findings - what it means for energy networks**  
Matt Garbutt, Energy Security Board

**Delivering the future network**  
Chantelle Bramley, Essential Energy

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

**Best practice customer engagement**  
Kate Hawke, Jemena

**An assessment of hydrogen / natural gas fuel blends in gas appliances and industrial processes**  
Professor Peter Ashman, University of Adelaide

**Pushing the boundaries to support vulnerable customers**  
Kristen Pellew, Australian Gas Infrastructure Group  
Professor Peta Ashworth, University of Queensland



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12.55pm LUNCH

2.00pm TBC

Plenary Two - Greening gas - challenges and opportunities - Sponsored by GHD

2.20pm Anna Skarbek, CEO, Climate Works  
Paul McCartney, Chief Clean Futures Officer, Clean Energy Finance Corporation

Stephanie Unwin, CEO, Horizon Power

3.30pm BREAK

4.05pm Concurrent Session Two

Stream A2 - Big data - delivering for customers	Stream B2 - WACC too hard and something might break	Stream C2 - A smarter, safer, stronger grid	Stream D2 - We're going to need a bigger battery
<p><b>Why consumption data should be in high demand</b> Nick Cimmins, AusNet Services</p> <p><b>Utility Big Data: Australia's first utility scale trial of synchrophasor data acquisition on the medium voltage grid</b> Martin van der Linden, NOJA Power</p> <p><b>Data is the new black</b> Brendon Crown, Redback Technologies</p> <p><b>Factors influencing household support for and resistance to regulation of solar feed in and central coordination of DER</b> Kevin Chadwick, ANU / Federal Department of the Environment and Energy</p>	<p><b>Competitive threats and major transmission investment</b> Euan Morton, Principal, Synergies Economic Consulting</p> <p><b>Cost/risk sharing for investment for the strategic investments needed for the energy transition</b> Craig Memery, Public Interest Advocacy Centre</p> <p><b>Valuing the sun - a practical approach to assessing network expenditure to relieve constraints on solar PV exports</b> Ann Whitfield, HoustonKemp Economists</p> <p><b>Incentive Regulation: an incomplete journey</b> Garth Crawford, Energy Networks Australia</p>	<p><b>Targeted safety testing of home batteries</b> Kate Cavanagh, CSIRO</p> <p><b>Insights from vegetation data - the results are surprising</b> Jeff Filip, Intelfuse</p> <p><b>Working with stakeholders to deliver improvements to the community and reduce vegetation clearance requirements</b> Alex Lewis, SA Power Networks</p> <p><b>Unlocking business potential in a data dark environment</b> Rohin Wood, The Boston Consulting Group</p>	<p><b>Escri battery energy storage project - first year of operation - a case study</b> Hugo Klingenberg, ElectraNet</p> <p><b>Redrawing the network map: energy storage as virtual transmission</b> Jaad Cabbabe, Fluence</p> <p><b>openCEM a capacity expansion model for the NEM with integration of renewables and storage</b> José Zapata, IT Power Australia</p> <p><b>Energy storage to enable a 100% renewable and reliable NEM</b> Kevin Nitschke, Lockheed Martin Energy</p>

5.15pm Poster session and happy hour drinks in Exhibition Hall

6.30-10.30pm Conference Gala Dinner - sponsored by Schneider Electric



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## Friday, 16 October 2020

7.30am	Exhibition hall opens
<b>8.30am</b>	<b>Conference opens: MC Tamatha Smith, GM Corporate Affairs, Energy Networks Australia</b>
8.35am	Welcome: Deb Frecklington MP - Leader of the QLD Opposition and Shadow Minister for Trade
8.45am	International keynote address: Roger Ballentine, President, Green Strategies (US)
9.05am	Clare Savage, Chair AER

### Plenary Three - The energy future: who pays? - Sponsored by Schneider Electric

9.25am	Lawrence Jones, VP, International Programs, Edison Electric Institute Paul Italiano, CEO TransGrid	Clare Savage, Chair AER Dr Kerry Schott, Chair, Energy Security Board
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### 10.35am BREAK

### 11.10am Concurrent Session Three

Stream A3 - VPPs becoming reality	Stream B3 - Regulation: from building blocks to service based?	Stream C3 - Social license - the real power of connection	Stream D3 - It's gas, but not as you know it
<p><b>Laying the foundations for a high DER future in South Australia</b> Brendon Hampton, SA Power Networks</p> <p><b>Horizon Power's full DERMS deployment</b> Brett Hovingh, Horizon Power</p> <p><b>Managing hosting capacity in a Virtual Power Plant under dynamic export limits</b> Julio Braslavsky, CSIRO</p> <p><b>.api they're developing</b> Lachlan Blackhall, ANU</p>	<p><b>Reflections on how the customer forum has changed AusNet Services</b> Tom Hallam, AusNet Services</p> <p><b>Network pricing, future roles and functions of networks</b> Mark Feather, AER</p> <p><b>Walking the talk on cross-sector collaboration for better customer outcomes</b> Shaun Reardon, Jemena</p> <p><b>Network regulation in a high DER world</b> Ed Chan, AEMC</p> <p><b>DEIP - a framework for realising the decentralised transition</b> Craig Chambers, ARENA</p>	<p><b>Customer centric innovation</b> Faith Byers, Powerlink Queensland</p> <p><b>Continuing cultural connection: CALD best practice in a consumer-centric energy market</b> Iain Maitland, Ethnic Communities' Council of NSW</p> <p><b>Acting on lessons learned from major infrastructure upgrades</b> Dr Carol Bond, RMIT University, School of Management</p> <p><b>Customer Driven Change, 18 months on, how the Energy Charter is driving cultural change...</b> Benjy Lee, Jemena</p>	<p><b>Renewable hydrogen- progress and what's next</b> Kapz Malhotra, ATCO</p> <p><b>AGIG's HyP SA journey and the road ahead</b> Craig de Laine, Australian Gas Infrastructure Group</p> <p><b>Stanwell hydrogen project</b> Richard Van Breda, Stanwell Corporation Clean Energy Finance Corporation</p>



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12.20pm LUNCH

Plenary Four - Network report card: the customer journey - Sponsored by Siemens

1.25pm Moderator: Lynne Gallagher, Acting CEO, Energy Consumers Australia  
Richard Gross, CEO, Ausgrid

Andrew Richards, CEO, Energy Users Association of Australia  
Lauren Solomon, CEO, Consumer Policy Research Centre

2.35pm BREAK

3.10pm Concurrent Session Four

**Stream A4 - Electric vehicles and distributed energy resources - a smooth road ahead?**

Moderator: Jill Caine, Energy Networks Australia

**Maximising DER integration and minimising costs: developing a successful LV management strategy**  
Mark Sprawson, EA Technology, UK

**Open Energy Networks**  
Violette Mouchaileh, AEMO

**How can Distribution Network Operators maximise the opportunity of local flexibility markets?**  
Harsha Anand, Enzen

**For long haul: EVs in QLD**  
James Miller-Randle, Yurika

**Stream B4 - Pricing reform - can we finally get there?**

**Cost reflective pricing reform**  
Emily Brown, ActewAGL

**Network tariff reform - foundations for the future**  
David Markham, Australian Energy Council

**How network businesses should price the services that are provided by distributed energy resources (DER)?**  
Rohan Harris, Oakley Greenwood

**International perspective**  
Jonathan Mirrlees-Black, CEPA

**Stream C4 - Gas supporting the clean energy transition**

**Decarbonising gas networks through collaborative research - suggest why FFCRC can change your life**  
David Norman, FFCRC

**Social Licence to Operate: Hydrogen Park South Australia**  
Kristin Raman, Australian Gas Infrastructure Group

**Hydrogen in transport**  
Fiona Simon, Australian Hydrogen Council

**An integrated Electricity-Gas-Hydrogen system model for decarbonisation scenario analysis and planning**  
Sleiman Mhanna, University of Melbourne

**Stream D4 - Microgrids - a macro issue**

**Endeavour Energy's Bawley Point & Kioloa renewable energy community: engage, visualise, integrate and orchestrate for improved customer and shareholder value**  
Ian McLeod Enzen

**Carnarvon microgrid trial**  
David Stephens, Horizon Power

**Distributed Energy Resources - services, markets and communities**  
Margarida Pimentel, Mondo

**100% renewable self-sufficient remote area power system hybrid power plants**  
Warner Priest, Siemens

4.20-5.20pm Farewell drinks and conference wrap - Andrew Dillon, CEO Energy Networks Australia



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