

PRESENTING THE 2ND ANNUAL

Australian Energy & Battery Storage Conference

Large Scale Batteries | Pumped Hydro Projects | Community Batteries

Enabling Australia's Energy Transition

23 – 24 March 2022 | Swissotel Sydney

SPEAKERS INCLUDE:



The Honourable Malcolm Turnbull AC



Dr Alan Finkel AO, *Special Adviser to the Australian Government on Low Emissions Technology and Chair, Technology Investment Advisory Council, Department of Industry, Science, Energy and Resources*



James Harding, *Chief Executive Officer, Genex Power*



Phil Galloway, *Managing Director, Syncline Energy*



Simon Currie, *Director, Energy Estate*



Sally Torgoman, *Partner, KPMG Australia*



Morris Zhou, *Co-Founder & CEO, Maoneng Group*



Chloe Hicks, *Director, Energy Infrastructure and Zones, NSW Department of Planning, Industry and Environment*



Darren Brown, *Investment Director, Octopus Investments Australia*



Koovashni Reddy, *Co-Founder & Director, Development, ACE Power & Founder and Managing Director, CleanGen*



Chris Wallin, *Community Battery Project Manager, Yarra Energy Foundation*



Simon Brooker, *Executive Director, Head of Storage, Clean Energy Finance Corporation*



Greg Hannan, *Head of Network Strategy & Non-network Solutions, CitiPower and Powercor*



Professor Andrew Blakers, *ANU Centre for Sustainable Energy Systems*



Louis de Sambucy, *Managing Director, Neoen*



Daniel Nugent, *Portfolio Development Leader, EnergyAustralia*



Stephanie Unwin, *Chief Executive Officer, Horizon Power*



Dan Sturrock, *Investment Director, Australian Renewable Energy Agency*



Michelle Elvy, *General Manager Bauxite Operations, Rio Tinto*



Rachele Williams, *General Manager, Project Delivery, Australian Renewable Energy Agency*



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9:00 **OPENING** | Opening remarks from the Chair

9:10 **SPECIAL ADDRESS**

9:30 **SPECIAL KEYNOTE ADDRESS**

Energy and pumped hydro storage

The Honourable Malcolm Turnbull AC

10:00 **The Role of Big Batteries in the Future of the Grid**

Louis de Sambucy, *Managing Director, Neoen*

10:25 Networking and refreshment break

10:55 **Delivering NSW Renewable Energy Zones (REZ):**

- Concurrent REZ delivery and the REZ lifecycle
- Network solutions and infrastructure optimisation
- Competitive processes for REZ connection
- Firming the REZ through storage
- Building and maintaining social licence Energy

Chloe Hicks, *Director, Energy Infrastructure and Zones, NSW Department of Planning, Industry and Environment*

11:20 **Additional investments in energy storage for the future**

Simon Brooker, *Executive Director, Head of Storage, Clean Energy Finance Corporation*

11:45 **PANEL DISCUSSION**

Transmission

- Integrating transmission networks and battery storage
- Investment & funding challenges
- Integration of renewable assets
- Requirements to enable transition through transmission network
- The future of transmission - latest government policies and how it may shape priorities going forwards

Rachele Williams, *General Manager, Project Delivery, Australian Renewable Energy Agency*

More panellists to be announced.

12:30 Lunch and networking break

13:30 **Deep and cheap emissions reductions from solar, wind and storage**

- Electrify everything using solar & wind achieves rapid and deep emissions reductions
- Storage, transmission and demand management balances solar & wind at low cost
- No new technology needed to reach 80% emissions reductions

Professor Andrew Blakers,
ANU Centre for Sustainable Energy Systems

13:55 **Building the business case for large scale energy storage projects**

Daniel Nugent, *Portfolio Development Leader, EnergyAustralia*

14:20 **Kidston Pumped Storage Hydro Project – Renewable Energy On Tap**

- The case for large scale energy storage in North QLD
- Challenges and opportunities in developing pumped storage hydro
- Kidston Hydro project structure
- Update on construction of the first Australian pumped hydro plant in 40 years

James Harding, *Chief Executive Officer, Genex Power*

14:45 **The Fulham Solar Farm and Perry Bridge Solar Farm updates**

Darren Brown, *Investment Director, Octopus Investments Australia*

15:10 Networking and refreshment break

15:40 **Medium duration storage - why is it important and what options are emerging?**

Dan Sturrock, *Investment Director, Australian Renewable Energy Agency*

16:05 **PANEL DISCUSSION**

Clean Energy Investment

- The current challenges and core concerns surrounding renewable energy investment in Australia
- Insights into what the capital market is looking for from projects
- Clean energy investment strategies & opportunities
- Investing in the transmission system and balancing technologies such as pumped hydro, battery storage for the future

Simon Brooker, *Executive Director, Head of Storage, Clean Energy Finance Corporation*

More panellists to be announced.

16:50 Closing remarks from the Chair & Networking Drinks



Australian Energy & Battery Storage Conference

Thursday 24 March 2022

DAY 2

9:00 OPENING | Opening remarks from the Chair

9:10 SPECIAL KEYNOTE ADDRESS

Australia's energy transition & the role of energy storage technologies

Dr Alan Finkel AO, *Special Adviser to the Australian Government on Low Emissions Technology and Chair, Technology Investment Advisory Council, Department of Industry, Science, Energy and Resources*

9:40 The revolving list of case studies of batteries in the NEM

Sally Torgoman, *Partner, KPMG Australia*

10:05 Session to be advised

10:30 The rise of Grid Scale BESS in Australia

- The Clean Energy Transition and its impact on the Australian Electricity Market
- Business case for grid scale BESS
- What Maoneng is doing to help accelerate the clean energy transition in Australia and abroad

Morris Zhou, *Co-Founder & CEO, Maoneng Group*

10:55 Networking and refreshment break

11:25 Melton Renewable Energy Hub project

Phil Galloway, *Managing Director, Syncline Energy*

11:50 ACE Power – battery storage, large scale solar and wind

Koovashni Reddy, *Co-Founder & Director, Development, ACE Power & Founder and Managing Director, CleanGen*

12:15 Rio Tinto – Building a sustainable future for Weipa

- The Weipa solar farm will triple in size
- Reducing reliance on diesel power generation
- Solidifying a commitment to reduce our footprint

Michelle Elvy, *General Manager Bauxite Operations, Rio Tinto*

12:40 Lunch and networking break

13:40 Renewable energy future: Battery energy storage projects

Stephanie Unwin, *Chief Executive Officer, Horizon Power*

14:05 Community based batteries: challenges & opportunities

Greg Hannan, *Head of Network Strategy & Non-network Solutions, CitiPower and Powercor*

14:30 Lessons from a community battery project

- Vision and journey of the project
- Ownership options and business models
- Funding and technology choices
- How to bring the community on-board
- Steppingstone to the future of the electricity grid

Chris Wallin, *Community Battery Project Manager, Yarra Energy Foundation*

14:50 Networking and refreshment break

15:20 The Walcha Energy Project

Simon Currie, *Director, Energy Estate*

15:45 ARENA's Investment Plan: funding renewable energy technologies & storage

Rachele Williams, *General Manager, Project Delivery, Australian Renewable Energy Agency*

16:10 PANEL DISCUSSION

Grid Connection

- Challenges on the grid & improvements
- Grid support to fast track the transition

Panellists to be announced.

16:50 Closing remarks from the Chair

17:00 End of conference

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