

# CIDER 2015

INAUGURAL CONFERENCE ON  
INTEGRATION OF DISTRIBUTED ENERGY  
RESOURCES IN THE ASIA PACIFIC REGION



## Presentation Topics - CIDER 2015

Title	Presenter	Organisation
PSC's Investigation into Charging Electric Vehicles from Distributed Solar Generation	Ranil de Silva	PSC
King Island: A Case Study in Achieving High Levels of Renewable Energy in a Hybrid Off-Grid Power System	Ryan Willems	Hydro Tasmania
Supply Reliability for Remote Locations via Energy Storage	Stephen Richardson	Ergon
Residential Storage - An Assessment	Michelle Taylor	Ergon
Integration of Storage in Australia's Energy Markets	Julian Eggleston	AEMC
100% Renewables for Australia? Challenges and Opportunities	Jenny Riesz	UNSW
"Integration of Non-network Solutions into Network Planning"	Helen Stewart	Energex
"Emerging Technologies Paper"	Craig Price	AEMO
Power Quality Implications of High Penetration of Small Scale Renewable Energy Systems	Sean Elphick	Uni of Wollongong
The New Requirements of AS4777 (2015): Grid Connection of Energy Systems via Inverters	Michelle Taylor	Ergon
Operation Strategies to Ensure Safe and Reliable Integration of Solar and Battery Inverters into Diesel Generator Micro-Grids	Prateek Chourdia	SMA
Grid Support Capabilities Required with Inverters for Reliable Power Grids with High PV	Scott Partlin	SMA
"PV Inverters"	Rod Dewar	Fronius
Voltage Regulation of Distribution Networks with High Levels of Residential PV with a Centralised STATCOM	Stephen Sproul	Ergon
Dynamic Grid Stabilisation Utilising Statcom Technology	Devern Hill	Statcom Solutions
Clean Energy Council Leading the Way on Renewable Energy Grid Integration in Australia with a Nation-Leading Initiative	Tom Butler	Clean Energy Council
Distributed PV Generation Estimates from the APVI Live Solar Map	Anna Bruce	UNSW
"Edge of Grid Regulatory and Policy Framework"	Greg Thorpe	Oakley Greenwood
The Minera SGrid Regulating Transformer	Max Decker	Schneider
"Regulating Pole-Mounted Transformer"	Gary Cox	Wilson
A Study into Effects and Mitigation of Increasing DER Penetration on Voltage Regulation in LV and SWER Distribution Systems	Tim Browne	PSC
Voltage Regulation Challenges in Distribution Networks with Rooftop PV Systems and Possible Mitigation Using Reactive Power Control and Battery	Tapan Saha	UQ
Managing Distribution Voltages in South East Queensland with Increasing Penetrations of Solar DER	Peter Kilby	Energex