

# Energy Storage at the Transmission Level



Joint Electrical Institutions Sydney - Engineers Australia, IEEE, IET

ENGINEERS  
AUSTRALIA

## DATE & TIME

Thursday, December 10, 2015  
5:30 pm for 6:00 pm start

## VENUE

Engineers Australia Harricks  
Auditorium  
Ground Floor, 8 Thomas Street,  
Chatswood NSW 2067

## COST

EA, IET, IEEE Members –  
Complimentary  
Students – Complimentary  
Non-members - \$30

## CPD

Eligible for 1.5 Continuing  
Professional Development hours.

## RSVP

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Joint Electrical Institutions Sydney



The Knowledge Network

## Presentation by:

**Garrie Chubb, Investment Support Manager TransGrid**

## Abstract:

TransGrid, the NSW and ACT transmission network service provider, continuously investigates how new technologies can help continue to ensure a safe, reliable and cost-effective electricity supply. While the energy storage discussion is alive and well in the distribution space, there is much to be learned from grid innovation at a transmission level.

In 2014 TransGrid commissioned its iDemand system, including a 400 kilowatt-hour lithium polymer battery system, to further demand management research in Australia. Research agreements are being formalised to investigate operation and long term performance of the new technologies, and to optimise the interaction between batteries, solar generation, site loading and the electricity network. TransGrid has also commissioned a piece of market advice about grid-scale energy storage opportunities and challenges.

This presentation will explore what we've learned in our journey thus far, including the role battery storage may be able to play in shaping the transmission network of the future

**For further information contact– Trevor Blackburn**

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## SPEAKER BIOGRAPHY



Garrie Chubb is the Investment Support Manager at TransGrid, NSW's electricity transmission service provider. In this role he leads TransGrid's strategic decisions for demand management and network support through non-network solutions including storage. He is also responsible for TransGrid's regulatory benchmarking strategy.

Before his appointment to this role Garrie held a number of senior positions within TransGrid including Manager/Asset Performance, Manager/Network Planning and Manager/Customer Relations.

Garrie recently led the project for certification of TransGrid's asset management system to ISO55001 standard which was achieved in December 2014. Garrie is also recognised for his role in advising and development of international benchmarking studies for asset management as well as operations and maintenance.

Garrie has over 30 years experience in the transmission business, with a particular expertise in network development, regulatory consultation, investment decisions, benchmarking and asset management strategy.

Garrie is a Certified Asset Management Assessor.

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