EECON NSW : Wednesday 25 November

*Program subject to change

08.45 **WELCOME AND OFFICIAL OPENING**
Bob Smith, NSW EESA Chapter Chair and Robert Barr, EESA National President

08.50 **KEYNOTE ADDRESS: Coping with ever increasing distributed energy resources and possible new business opportunities**
Dr Glenn Platt, Research Director - Energy Flagship, CSIRO

09.30 **Network efficiencies and opportunities in an increasingly complex energy landscape**
Panel session:
- Peter McIntyre, Managing Director, TransGrid
- John Hardwick, General Manager - Asset Management, Ausgrid
- John Bradley, CEO, Energy Networks Association

10:40 Morning Tea and Exhibition Viewing

Session 1: Distribution Network Service Providers (DNSPs) - initiatives for a lower cost network business

11.10 **Innovations in poles, wires and insulators - vibration problems of externally gapped line arresters**
Peter Dulhunty - Dulhunty Works

Private industry collaboration in turnkey project
Kelvin Proctor - Landis+Gyr

Modular buildings with controls/ switchgear delivered to site
Marcus Leaver - Ergon Energy

Case Study: Benefit of reducing supply voltage
Sean Elphick - University of Wollongong

What training/personal development is required to compensate for the missing skills?
Mike Griffin - The Australian Power Institute

Session 2: Satisfying various stakeholders in the new network environment

11.10 **Economic regulation in a 'disrupted' energy market**
Garth Crawford - ENA

Benchmarking for performance
Tony Saker - Third Horizon

Delivering the results – how to manage all stakeholders
Craig Moody - Ausgrid

How to successfully manage contractors/OEMs
Ty Christopher - Endeavour Energy

Successfully managing change in an industry that has seen many changes
Terry Niemeier - Endeavour Energy

12:55 Lunch and Exhibition Viewing

Session 3: Managing Risks - what can go wrong sometimes does - learning from past events

13.55 **Risk management and the operation of a Distribution Network**
Andrew Mitchell - Essential Energy

Real risk events provide lessons in managing an electricity network
Jeff Allen - Consultant

Earth fault protection in sub-transmission
Chris O'Halloran - *Winner of the EEA NZ June conference award*

Improvements in arc hazard understanding
David Sweeting - Sweeting Consulting

Climate adaption measures to enhance resilience of power
Mark G Stewart, University of Newcastle

Session 4: Future networks - challenges and opportunities

13.55 **Cost benefit analysis of new designs- substation automation**
Matthew Oong - Eaton

Optimising substation protection and control schemes
Greg Finlayson – Schneider Electric

Impact of electric vehicles and batteries on "smart grids"
Graham Town – Macquarie University

Grid support by the megawatts
Owen Lock – S&C Electric Company

PVs, batteries and the emerging new roles for prosumers and retailers
Andrew Reid – Century Yuasa Batteries

15:40 Afternoon Tea and Exhibition Viewing

PLENARY SESSION: **The future of work - successful career planning and transitioning in a privatised future utility**

16.10 Gabrielle Foldes, Professionals Australia
Katharina Gerstmann, Board Member, College of Leadership and Management
Mike Griffin, The Australian Power Institute

17.20 Presentation to prize winners and closing remarks

17.30 **Networking function in the Exhibition area**

18.30 **EESA AGM**