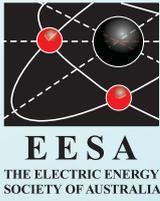


A Technical Training Initiative of the Electric Energy Society of Australia



EECON NSW 2015

25 November 2015, Australian Technology Park, Sydney

Network efficiencies and opportunities in an increasingly complex energy landscape

www.etches.com/ehome/eecon2015



An invitation from the NSW Chapter Chairman

EECON NSW 2015, the EESA NSW Annual Conference & Trade Exhibition, will be held at the Australian Technology Park Eveleigh on 25 November. The Conference Theme is “Network efficiencies and opportunities in an increasingly complex energy landscape.” Electricity networks which consist of both transmission and distribution systems face ongoing and serious challenges in the years ahead.

The requirements of planning, designing, constructing and operating systems remain the same, however we now have a radically different environment. This includes such things as very different generation mixes, more Power Electronics controlled loads and two-way energy flows. In addition, all must be managed at reduced cost whilst still ensuring reliability, adequate power quality and customer service. Issues such as ageing infrastructure, staff skills and staff depletion have to be managed, as well as the effects of extreme weather conditions such as bushfires and floods. It is indeed a new world and we need to learn from others and discuss with them the best ways to proceed. EECON NSW 2015 provides an ideal opportunity to do this.

The conference will also cover discussion on possible new business opportunities that would be open to network businesses in the increasingly diverse energy marketplace of the future.

At the conference there will be a diverse range of informative and interesting speakers. You will gain a good understanding of the utility issues, the methods and tools which have worked successfully, as well as the opportunities and challenges still to be managed. You will return to your organisation better prepared for the increasingly complex energy landscape of the future.

This is a technical conference, providing ongoing professional development for technical people in the electricity industry. It is a great way for members of Engineers Australia to earn their professional development points.

We look forward to welcoming everyone to EECON NSW in November 2015.

A handwritten signature in black ink that reads "Bob Smith".

Bob Smith
NSW Chapter Chair

Sponsorship and exhibition opportunities available.

Visit the conference website for details:

www.etouches.com/ehome/eecon2015



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

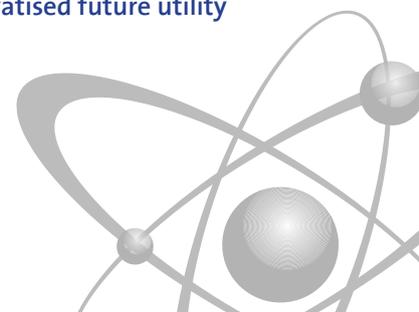
Session 4: Future networks - challenges and opportunities

- 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**



General Information

Location

The Australian Technology Park (ATP) is located approximately 5km from Sydney's central business district and within 200m of Sydney's rail network. The nearest station is Redfern where you can exit via platform 10 and follow the walkway directly through to the ATP.

Parking is available at the ATP. Drive in via the main entrance on Henderson Road and turn left onto Central Ave. Park in the carpark of the Media City Building.

The bus stop closest to the ATP is on the corner of Boundary and Regent Street. For bus timetables call the Transport Infoline on 131 500 or visit www.transportnsw.info

CPD points

Attendance may be credited towards Engineers Australia Continuing Professional Development (CPD) requirements. Engineers Australia members are required to undertake a minimum of 150 hours of CPD every 3 years.

Registration

To register for the conference, please register online at

www.etchouches.com/eecon2015

Or use the form on the back page.

Registration forms can be either faxed or mailed to...

The Meetings Manager Pty Ltd

Suite 16, 7 Rosebery Place

Balmain, Sydney NSW 2041

Tel: 02 9810 7322

Fax: 02 9810 7320

Conditions and Cancellations

Conference: If you are unable to attend the conference, a substitute delegate is welcome at no extra charge. Where no substitute is available, a fee of \$165.00 will be deducted from your registration fee for cancellations received by The Meetings Manager Pty Ltd in writing at least 28 days prior to the event.

No refunds will be made for cancellations received after Wednesday 28th October.

Exhibition: In the event of cancellation, exhibitors are requested to inform The Meetings Manager Pty Ltd in writing. Unless the space can be resold, the organisers reserve the right to retain any monies paid.

Exhibits should meet the aesthetic and professional standards of the conference. Promotional activity should not impinge on or directly interfere with any other exhibitor.

Exhibitors are liable for any damage they cause to the venue and the exhibition booths. It is the responsibility of the exhibitor to arrange insurance for items within their exhibition. Exhibitors must have public liability insurance for this event.

Hotel cancellation: Cancellations made within 30 days may be subject to the hotel's cancellation policy and may be charged for one night's accommodation. On the day of arrival "no shows" and cancellations will be fully charged.

Our privacy policy

By registering for this conference, relevant details will be held on a database by The Meetings Manager Pty Ltd and EESA. A delegate list will be provided to all conference participants (name, position and organisation only).

Information may also be made available to parties directly related to the conference including sponsors and/or exhibitors. If you do not wish your information to be used in this manner, please advise The Meetings Manager Pty Ltd by email to meetings@tmm.com.au or by fax to 02 9810 7320.



Delegate registration form

To register: fax this form to 02 9810 7320
or register online at www.etches.com/eecon2015

| | | | |
|-------------------------------------|-----------------------------------|--------------|---------|
| Last Name | Title | First Name | |
| Preferred first name for name badge | | | |
| Position | | Organisation | |
| Address | | | |
| City | State | Postcode | Country |
| Telephone () | | Mobile | |
| Email | Dietary or Mobility Requirements: | | |

Registration fees*

*Registration includes access to conference sessions, delegate handbook, refreshments, lunch and the networking function

Standard fee

Student

Special Offer: Non-members registration plus new EESA membership (1 year)

Access to recorded sessions post conference for registered delegate^

(^subject to speaker permission)

Note: all fees include GST

EESA Members **Non Members**

| | | | |
|-----------|--------------------------|----------|--------------------------|
| \$450.00 | <input type="checkbox"/> | \$550.00 | <input type="checkbox"/> |
| \$ 150.00 | <input type="checkbox"/> | \$200.00 | <input type="checkbox"/> |
| \$ 480.00 | <input type="checkbox"/> | | |
| \$ 99.00 | <input type="checkbox"/> | | |

Social function (inclusive for conference attendees. Please tick if attending)

Networking function at the conclusion of the conference: 5.30-6.30pm Attending Not attending

Accommodation: Mercure Sydney

Please provide credit card details to guarantee your booking. These details will be made available to the hotel and a deposit equivalent to one night's accommodation may be charged by the Mercure Sydney. You will be responsible for paying your account directly to the hotel on your departure. Accommodation is subject to availability.

Mercure Sydney Standard room - room only x 1 \$260.00 Standard room + breakfast x 1 \$280.00

Please reserve rooms as above Arriving _____ / _____ Departing _____ / _____

Payment Details By completing your registration, you agree with the Terms & Conditions which can be found at www.tmm.com.au

A cheque payable to The Meetings Manager Pty Ltd is enclosed

I would like to pay by EFT, please invoice me

Please charge the following credit card: Mastercard Visa Amex for \$ _____

Card number*

This will be provided to the Mercure if you are booking accommodation Expiry date _____ / _____ CCV _____

Signature _____ Cardholder's name _____
(credit card payment not valid without a signature)

Save time - Register online www.etches.com/eecon2015

Register manually and fax or mail completed form to:

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