

# An Introduction to Risk-Based Earthing of Power System Assets



Joint Electrical Institutions Sydney - Engineers Australia, IEEE, IET

## DATE & TIME

Thursday, August 11, 2016  
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 – Free  
Students – Free  
Non-members - \$30

## CPD

Eligible for 1.5 Continuing  
Professional Development hours.

## RSVP

[REGISTER ONLINE](#)

## HOSTED BY

Joint Electrical Institutions Sydney



The Knowledge Network

## A presentation by

### Simon Lewis

Earthing & Power Quality Manager: Endeavour Energy

## An Introduction to Risk-based Earthing of Power System Assets

The presentation is intended to provide an introduction to the principles of risk based earthing and how they can be applied to earthing on a power system network.

The presentation will be structured as follows:

- Introduction to applicable Australian Standards/guides and their interpretation of OHS legislation.
- Earthing design approach for risk based earthing application.
- Case study – distribution earthing of a pole mounted substation.

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## Speaker Biography



### Simon Lewis

Simon is the Earthing and Power Quality Manager for Endeavour Energy. For the past five years he has been extensively involved with the production of standards, designs and the broad-based application of earthing risk principles to the power supply network. The recent changes in earthing principles have required a shift in policy and process which has resulted in Simon co-ordinating multiple educational seminars to assist designers, asset owners and interested stakeholders in how to apply the new principles in earthing design to different assets.

**For further information, contact Trevor Blackburn**

Email: [t.blackburn@unsw.edu.au](mailto:t.blackburn@unsw.edu.au)

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