Fundamentals of Overhead Line Design
hosted by Electric Energy Society of Australia, Queensland Chapter

Date and Time
14 March 2018
3:15PM Registration
3:30PM to 5:00PM Event

Venue
Energy Queensland
26 Reddacliff Street
Newstead QLD 4006

Registration
EA Member | $0.00
EESA Members | $0.00
Student Member | $0.00
Non Member | $30.00

by 14/03, 2:00PM

Overhead lines provide the means of transporting electrical power from a source to a load using conductors or cables supported on structures by insulators and line hardware.

The presentation will cover the electrical, mechanical and structural aspects of overhead line design and construction as follows:

- Overview of AS/NZS7000 Overhead Line Design Standard and HB331 Handbook
- Electrical design – Overhead conductor types and line ratings
- Transmission vs distribution
- Distribution design aspects
- Mechanical design (sags and tensions)
- Structural design (working stress and limit state design)

Contact
Engineers Australia Member Services
1300 653 113
memberservices@engineersaustralia.org.au
Mr Collin Lee

**Principle Engineer Asset Management, Energex**

Colin graduated with an Engineering degree from the University of Queensland and has worked in the Electricity Industry in Queensland for the last 40 years for both distribution and transmission network service providers.

Colin is the current chair of the Australian Standards committee EL052-05 which developed AS/NZS7000 Overhead Line Design Standard and Handbook HB331 and has been giving lectures on Overhead Line Design throughout Australia and New Zealand for the past 20 years.

Colin currently works for Energex and has been in a number of engineering and management roles in the areas of design, project management, asset management and technical standards. His current role is the Principal Engineer Asset Management and part of the role requires him to set technical policies and standards for the Energex network.