Powerline Bushfire Safety Short Course

Location
Monash University
Clayton Campus, Australia

Date & Duration
Four Days: Monday Mid-day to Friday Mid-day
June 24th-28th, 2019

Cost
Full Price: $4,500 (GST Inc.)
Early Bird until May 24th: $4,000 (GST Inc.)

Optional 2-hour Workshop on Monday Morning on Network Earthing Options ($400).

5% Discount for EESA Members
Registration includes lunch & coffee breaks.

Ideal for
Electricity Network Engineers & Planners,
Protection & Control Engineers,
University Researchers and Students.

Continuing Professional Development
Maximum 32 CPD Hours

Sponsor
Prof. Tony Marxsen

Registration
shop.monash.edu/powerline-bushfire-safety-short-course.html

A limited number of seats will be reserved for academic audience. For academic discount please contact:
Dr Behrooz Bahrani behrooz.bahrani@monash.edu

After the great success of the National Bushfire Mitigation Forum held in Sydney on 1st November 2018 and on special request made by the event attendees, Monash University and EESA are offering a short course for all Network Engineers within the industry to deliver essential knowledge and practical skill sets, and empower them to make better decisions and ensure Powerline Bushfire Safety.

• Presentations from industry experts involved in Victoria's powerline bushfire safety program as well as the Ignition research projects

• Interactive sessions inclusive of rich discussions and open Q&A forums

• One whole day dedicated for computer laboratory sessions to explore varying simulations of network faults likely to cause fires

Learning Objectives
On completion of the course, participants will understand:

• local history of Australia's catastrophic powerline bushfires

• implications of future long-term weather trends on network fire risk

• how networks start fires and faults/fires relationship

• modelling of fire risk as a prioritisation tool for investment decisions

• recent research on ignition from arc, vegetation & wire-down faults

• network design & operation elements that influence network fire risk

• role of undergrounding, covered conductor and ACRs in cutting fire risk

• how network earthing options (inc. REFCLs) can cut powerline fire risk

• theory, simulation & realities of different network earthing treatments

• Victoria's regulatory fire-safety performance standard for networks for high fire risk areas.