

**Live Online Evening Talk on “Power System Protection”**  
**(Co-organized with Swinburne University of Technology, Sarawak Campus)**

Date/Day 19 August 2020, Wednesday

Time 7.00pm – 8.45pm

Link [Click here to join](#)

**The event is FREE. Join via the above link and login with your full name.**

**Sign-in link will be provided in meeting chat from 7.00pm to 7.30pm.**

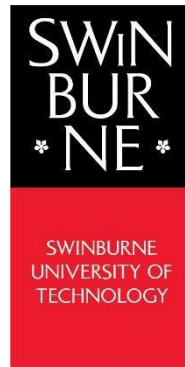
**Sign-out link will be available in meeting chat for 30 minutes after the event.**

**Complete both sign-in and sign-out to confirm your attendance.**

**2 CPD / PDP**

(BEM Approved CPD Hours)

Ref. No.: IEM20/SWAK/129/T(w)



MALAYSIA  
AUSTRALIA

## Introduction:

Total power blackout will have major impact to our daily activities as well as significant financial impacts to businesses.

This seminar will explore many causes of electrical faults. It is thus crucial to ensure a well-designed power system protection is in place to prevent total power blackout, safeguard human lives and prevent equipment damage during electrical fault conditions.

Power system protection is a branch of electrical power engineering that deals with the protection of electrical power systems from faults through disconnection of faulted parts from the rest of the electrical network. The objective of a protection scheme is to keep the power system stable by isolating only the components that are under fault, whilst, leaving as much of the network as possible still in operation. Therefore, protection schemes must apply a very pragmatic and pessimistic approach to clearing system faults.

This seminar aims to give the participants an overview of the power system protection. It covers the philosophy of the power system protection, types and sources of faults, applications of different protection schemes, types of protection relays, and adoption of modern tele-communication technologies in protection schemes.

This seminar also highlights the importance of design and the application of appropriate protection schemes for different types of electrical equipment.

## Speaker Profile:

Lo Tzu Hsiung is currently an Asst. General Manager (Grid Operation) and he has 27 years of experience at Sarawak Energy Berhad. He is also affiliated with MIEM, PEPC. He graduated with a Bachelor of Engineering (Electrical & Computer Systems) from Monash University, Clayton, Victoria, Australia, in 1992. He has experience in various fields in electrical power engineering, from Extra High Voltage (EHV) substation projects, protection, control and instrumentation, to transmission system planning.

## Program:

- |                   |                                     |
|-------------------|-------------------------------------|
| 07.00pm – 07.15pm | : Registration                      |
| 07.15pm – 08.30pm | : Talk on “Power System Protection” |
| 08.30pm – 08.45pm | : Question and Answer               |
| 08.45pm           | : End                               |