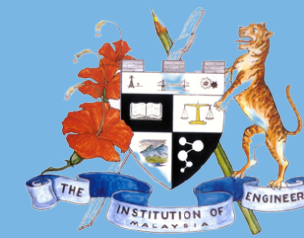


ORGANISED BY ELECTRICAL ENGINEERING  
TECHNICAL DIVISION (EETD)

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# HALF DAY VIRTUAL SEMINAR ON HIGH VOLTAGE SUBSTATION TESTING AND MAINTENANCE PRACTICES IN COMPLIANCE WITH SURUHANJAYA TENAGA REQUIREMENTS

**BEM Approved CPD/PDP: 4**



# IEM

The Institution of Engineers, Malaysia

**18TH NOVEMBER 2021.  
THURSDAY  
9AM - 1PM**

**SPEAKERS:**

**Ir. Dr. Chan Seong Phun  
&**

**Ir. Chan Jee Heng**

**Ref. No.: IEM21/HQ/439/S(w)**

Registration Fees

(subject to 6% SST)

Student Members : RM 40

IEM Graduate Members : RM 80.00

IEM Corporate Members : RM 125.00

IEM Non Members : RM 200.00

Register online | [www.myiem.org.my](http://www.myiem.org.my)



# SYNOPSIS

This virtual event will be using industry and utility experience to discuss substation equipment maintenance, schedule and testing on the substation equipment.

a) Maintenance of any electrical equipment at least 5 years once as per Electricity Regulation 1994, 110 (3):

- Power Transformer
- GIS & AIS Circuit Breaker
- Vacuum Circuit Breaker
- Disconnect or Isolator
- Battery & Charger
- Earthing system
- Interlocking Scheme Check

b) Relay Recalibration at least 2 years once as per Electricity Regulation 1994, 110 (4)

- Protection Relay

## SPEAKER'S PROFILE

An electronics and electrical engineer, Ir. Dr. Chan Seong Phun has 16 years of experience in the engineering and semiconductor sectors, of which 5 years of it had been with Intel Technology Sdn Bhd. He has extensive experience in Very-large-scale integration (VLSI) design for chipsets, power delivery and reliability sign-off for server products from project inception to project implementation. He has taken the helm of E.S.S. Engineering Sdn Bhd as Managing Director since 2010. He is actively involved in EHV substation maintenance, testing & commissioning, OEM test of primary equipment (generator, transformer, VCB/GIS circuit breakers) and secondary equipment such as protection relays with operating voltage ranging from 11kV up until 500kV. Ir. Dr. Chan holds a Bachelor of Engineering (Honours) degree and PhD from University of Surrey, UK. He is a Professional Engineer registered with the Board of Engineers, Malaysia, both in Electronics (2011) and also Electrical Engineering (2017). Currently, he is a 275kV Competent Engineer and 132kV Electrical Service Engineer registered with Energy Commission and registered Electrical Energy Manager.

Ir. Chan Jee Heng holds a Bachelor of Engineering (Honours) degree from Multimedia University Cyberjaya in 2013. He is a Professional Engineer registered with the Board of Engineers. He is an officer from Energy Commission based in Penang Regional office. He has experience in enforcing the law and regulations from Electricity Supply Act 1990 and Electricity Regulations 1994 which serve as the only law and regulations that govern the electrical industry in Malaysia except Sarawak. He has investigated many electrical accident cases and complaints during his tenure as an officer in Energy Commission. He has become examiner in ILSAS for chageman examination to evaluate on the candidate chageman relevant competency and their sufficiency on know on ESA 1990 & ER 1994. He also checks on the compliance side on all the competent person of EC including Competent Engineer and Servicing Engineer and serve as Member of IEM in Electrical Engineering.