



Organised By :  
Electrical Engineering Technical Division, IEM  
In Collaboration with Pekat Group Berhad

# 1 DAY SEMINAR ON POWER PROTECTION & POWER GENERATION SEMINAR SERIES: SHAPING INDUSTRY EXCELLENCE IN EARTHING & LIGHTNING PROTECTION AND SOLAR TECHNOLOGY

2nd July 2026 | 9:00AM – 5.00PM

Venue : Malakoff Auditorium, Grd Floor, Wisma IEM



Mr Yeffry Wiyana



Mr Alex Lim

**JOIN NOW**

# Free Admission !

BEM CPD: 7

Ref. No.: IEM26/HQ/263/S

<b>Time</b>	<b>Agenda (with 15-mins tea breaks in between session 1 &amp; 2)</b>
<b>8:30AM</b>	Registration & Arrival of Participants
<b>9:00AM</b>	Session 1: Power Protection: Earthing & Lightning Protection (E&LP)
<b>12:30PM</b>	Lunch & Networking
<b>1:30PM</b>	Session 2: Power Generation: Solar Technology
<b>5:00PM</b>	Closing & End of Session

**TOPIC:**

**POWER PROTECTION & POWER GENERATION SEMINAR SERIES: SHAPING INDUSTRY EXCELLENCE IN EARTHING & LIGHTNING PROTECTION AND SOLAR TECHNOLOGY**

**Synopsis:**

Malaysia's energy landscape is at an inflection point. The drive toward cleaner, more reliable power is reshaping how infrastructure is designed, built, and protected. For engineers, consultants, and technical professionals, this evolution demands more than technical competency – it calls for a broader understanding of where the industry is headed and how to be ready for it.

The Power Protection & Power Generation Series by Pekat Group Berhad is a nationwide seminar platform that brings together our top-tier partners to share their latest expertise, innovations, and real-world experiences with Malaysia's technical community – across two essential disciplines:

## Session 1: Power Protection: Earthing & Lightning Protection (E&LP)

Speaker:

(Mr) Yeffry Wiyana, Regional Business Development Manager, ABB Furse

### The New Era of Lightning Protection: Key Updates in IEC 62305:2024

With Malaysia ranking among the highest lightning-density countries in the world, robust E&LP design is foundational to every electrical installation. This session covers risk assessment, system design best practices, updated international and local standards including IEC 62305, surge protection coordination, and regulatory compliance. Case studies drawn from projects will ground the discussion in the realities professionals encounter every day.

## Session 2: Power Generation: Solar Technology

Speaker:

(Mr) Alex Lim, Product & Solution Manager, LONGi Solar Singapore & Malaysia

### Next-Generation Solar Technologies for Sustainable Power Generation

The global solar industry is advancing at an unprecedented pace, with innovations continually redefining what is possible. This session showcases the latest breakthroughs in solar technology – from high-efficiency cell architectures and back con modules to next-generation manufacturing advancements that are pushing performance benchmarks to new heights. Participants will gain firsthand exposure to cutting-edge product portfolios and real-world project case studies spanning diverse applications and geographies, offering a compelling view of where solar technology is heading and what it means for the industry.

Together, these essentials reflect the complete picture of modern energy practice – safe, smart, and sustainable. This seminar series is where industry professionals come to sharpen their edge, expand their network, and stay ahead of the technologies shaping Malaysia's energy future.

# Speaker's Biodata

Mr. Yeffry Wiyana had a Bachelor of Electrical and Electronics Engineering qualification from Satya Wacana Christian University, Indonesia, followed by an MBA Degree from SP Jain, Singapore, and Post Graduate Diploma Degree from Nanyang Technological University, Singapore.

Started his professional career as an application engineer for electrical and instrumentation systems, then was assigned to the technical sales. Joined with ABB Furse in 2010, established and built the competency and experience in the earthing and lightning protection system. His current role is Regional Business Development Manager, working closely with the project consultants and the contractors, taking part in technical sharing, training, and seminars on earthing and lightning protection systems.

Lim Kwan Liang, Alex is a renewable energy specialist with over 11 years of experience in utility-scale solar PV and hydro power projects across Southeast Asia. He currently serves as Regional Product & Solution Manager at LONGi, leading technical advisory, stakeholder engagement, and solution delivery for large-scale PV deployment. Previously, he managed operations and safety audits for Amcorp Power, overseeing solar and hydro assets, performance optimisation, and compliance. His expertise spans asset performance, O&M strategy, grid integration, and advanced PV technologies, with contributions to award-winning projects such as the ASEAN Energy Award 2020. Alex has conducted 30+ technical workshops regionally, engaging developers, EPCs, utilities, and universities. He holds a Bachelor of Mechatronics Engineering from Monash University Malaysia and is a Certified Grid-Connected Photovoltaic Solar Designer, with ongoing accreditation as a Safety & Health Officer.