

# SEMINAR ON POWER PROTECTION & POWER GENERATION:

## Shaping Industry Excellence in Earthing & Lightning Protection and Solar Technology

### INTRODUCTION:

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** is a nationwide seminar platform that brings together 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. Jeffry Wiyana**  
Regional Business  
Development Manager,  
ABB Furze

### SESSION 2

#### Power Generation: Solar Technology



**SPEAKER:**  
**Mr. Cheah Jian Lee**  
PV Design Engineer,  
JA Solar Malaysia



**Date:**  
**2nd November 2026**  
**(Monday)**



**Time:**  
**9.00am – 5.00pm**



**Venue:**  
**TEEAM Seminar Hall,**  
2nd Floor, No. 5-B, Jalan Gelugor,  
Off Jalan Kenanga, 55200 Kuala Lumpur.

### AGENDA

|         |                                                                                        |
|---------|----------------------------------------------------------------------------------------|
| 9:00am  | Registration & Light Breakfast                                                         |
| 9:30am  | Welcome Remarks                                                                        |
| 9:35am  | <b>Session 1: Power Protection:<br/>Earthing &amp; Lightning Protection (E&amp;LP)</b> |
| 11:00am | Coffee Break                                                                           |
| 11:15am | Session 1 continues                                                                    |
| 12:30pm | Lunch & Networking                                                                     |
| 1:30pm  | <b>Session 2: Power Generation: Solar Technology</b>                                   |
| 3:00pm  | Coffee Break                                                                           |
| 3:15pm  | Session 2 continues                                                                    |
| 5:00pm  | Closing & End of Session                                                               |



### Registration Fee:

**RM30** for TEEAM Member  
**RM60** for non-TEEAM Member



**Please register by  
26th October 2026.**

Seats are limited and on  
first come, first served basis.



**SCAN HERE  
TO REGISTER**

For enquiries:  Tel: 03-9224 6243 |  E-mail: [thila@teeam.org.my](mailto:thila@teeam.org.my)

# POWERING MALAYSIA'S ENERGY FUTURE:

## SAFE | SMART | SUSTAINABLE

### SESSION 1



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



##### 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.



##### SPEAKER:

**Mr. Yeffry Wiyana**

Regional Business Development Manager,  
ABB Furse



##### SPEAKER PROFILE

- Bachelor of Electrical and Electronics Engineering from Satya Wacana Christian University, Indonesia.
- MBA Degree from SP Jain, Singapore.
- Post Graduate Diploma Degree from Nanyang Technological University, Singapore.
- Started his professional career as an application engineer for electrical and instrumentation systems, then moved to technical sales.
- Joined ABB Furse in 2010, established and built the competency and experience in the earthing and lightning protection system.
- Currently, Regional Business Development Manager, working closely with the project consultants and contractors, taking part in technical sharing, training, and seminars on earthing and lightning protection systems.

### SESSION 2



#### Power Generation: Solar Technology



##### 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 contact 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.



##### SPEAKER:

**Mr. Cheah Jian Lee**

PV Design Engineer,  
JA Solar Malaysia



##### SPEAKER PROFILE

- Masters in Mechatronics Engineering from University of Nottingham Malaysia.
- A dedicated Technical Engineer specialising in the end to end design and execution of commercial and industrial (C&I) solar PV projects.
- Expert in leveraging PVSyst, AutoCAD, and value engineering to optimise system performance and costs.
- Proven ability to lead cross-functional teams across Southeast Asia to deliver high-quality projects on time and within spec.
- Looking to expand his skills and knowledge as an electrical engineer to make an impact in society.

“ Together, these essentials reflect the complete picture of modern energy practice — **safe**, **smart**, and **sustainable**.

This seminar is where industry professionals come to sharpen their edge, expand their network, and stay ahead of the technologies shaping Malaysia's energy future.

