

## Half-Day Talk on “LVSG Design & Earthing Systems”

*(This talk is co-organised and sponsored by Himel)*

**Date** : Wednesday, 21 January 2026  
**Time** : 2:00 p.m. – 6:00 p.m.  
**Venue** : Sheraton Hotel, Johor Bahru  
**Speaker** : Mr. Jason Sonido, Product Marketing Director, Technical Service Manager, Himel

### Synopsis

This technical talk provides an in-depth look at the engineering principles behind Low Voltage Switchgear (LVSG) and the critical safety aspects of electrical earthing systems. Designed for electrical engineers and system designers, this session bridges theoretical calculations with practical product applications.

### Key Topics Covered:

1. LVSG Design Considerations (The Heart of the System)
  - Switchgear Construction
  - Busbar Calculation
  - Design Workflow
2. Earthing Schemes and Component Application
  - Unique Electrical Earthing Methods
  - Types of Earthing Schemes
  - Product Selection and Application

Time	Tentative Programme
1:30 p.m. – 2:00 p.m.	Registration
2:00 p.m. – 2:05 p.m.	Welcome Speech by IEM (SB) Organizing Committee and Himel
2:05 p.m. – 3.30 p.m.	<b>LVSG Design Considerations</b>
3:30 p.m. – 3:45 p.m.	Coffee Break
3:45 p.m. – 5:30 p.m.	<b>Earthing Schemes &amp; Component Application</b>
5:30 p.m. – 6:00 p.m.	Q&A Session
6:00 p.m.	Closing & End of Talk ( <b>DINNER BUFFET IS PROVIDED</b> )

### About the Speakers:



**Mr. Jason Sonido** is a Registered Electrical Engineer (Philippine Professional Regulation Commission) since 2004 and brings 20 years of extensive experience in the electrical industry. He is currently serving as the Technical Service Manager at Himel, where his expertise spans Electrical and Switchgear Design (LV & MV), Product Specialisation, and Facilities Maintenance for both factories and electric utilities.

Beyond his industry practice, Mr. Jason Sonido has dedicated more than a decade to the academia, shaping future engineers as an instructor at the Polytechnic University of the Philippines and Lyceum University-Calamba. He holds a Bachelor of Science in Electrical Engineering from the Polytechnic University of the Philippines-Batangas.

### Participant Fees:

Grade	Fee
IEM Members	FOC
Non-IEM Member	RM 150.00

**Closing Date: 20 January 2026**

**Note: Participants are invited to enjoy a complimentary Sheraton buffet dinner.**

Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **20 January 2026** together with a non-refundable cheque for the participant fees made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the participant fees into the **Institution's Maybank Current Account (No. 5-013920-15708)**, and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance for the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)



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**Half-Day Talk on “LVSG Design & Earthing Systems”**

Wednesday, 21 January 2026, 2:00 p.m. – 6:00 p.m.  
at the Sheraton Hotel, Johor Bahru.

I wish to attend the above talk. I enclosed herewith a cheque no. .... for the amount of RM.....as payment for the participant fee.

Name of Member: ..... Membership No: ..... I/C No: .....  
Address: ..... Tel(O): .....(Fax).....  
..... Tel (H/P): .....  
..... E-mail: .....

Company's Name: .....

Signature: ..... Date: .....

**Note** : Kindly **email the Reply Slip together with the payment slip to [iemsouthern@gmail.com](mailto:iemsouthern@gmail.com)** for confirmation.  
: Attendance by representative will not be issued with the Certificate of Attendance.

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