

# TECHNICAL VISIT: HIGH VOLTAGE COMMERCIAL EV TRAINING AND MRO FACILITIES, PUTRAJAYA

Organized by : Seniors Special Interest Group (SSIG), IEM

## Commitment Fees (inclusive SST)

(Non refundable & non transferable)

IEM Member : RM 50.00

Non Member : RM 70.00

Date : 28 July 2026 (Tuesday)

Time : 8.30 am – 1.00pm

Address : No 28, Jalan Industri Putra 1, Presint 14, 62050 Putrajaya

Transport : Transportation provided  
(Departure from Wisma IEM)

## Synopsis

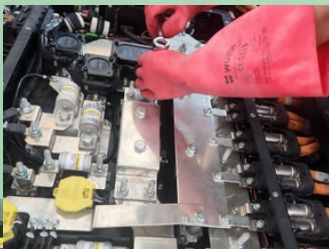
**BEM Approved CPD Hours: 3**

**Ref. No.: IEM26/HQ/278/V**

This technical visit introduces participants to Electromodula's High Voltage Electric Vehicle (HVEV) training facilities and hands-on Maintenance, Repair and Overhaul (MRO) operations for single-deck electric buses. Participants will gain insights into TÜV Rheinland-certified EV training pathways, including Levels 1, 2 and 3, as well as high-voltage safety practices, real-world diagnostics, and maintenance procedures for commercial EVs. The programme includes a visit to Putrajaya Sentral to observe one of Southeast Asia's fastest pantograph charging systems, a tour of EMSB's Centre of Excellence for Electric Vehicles (Pusat Kecemerlangan Kenderaan Elektrik) at Presint 14, and a CPR and AED demonstration to reinforce emergency response capabilities. Overall, the visit provides a valuable platform for knowledge sharing, benchmarking, and collaboration while offering a deeper understanding of Malaysia's commercial EV ecosystem, workforce development initiatives, and high-voltage vehicle technologies.

## Itinerary of the visit

- 8:30 am Depart from IEM, Petaling Jaya
- 9:30 am Arrival of the participant
- 10:00 am EMSB Company Profile Presentation & MRO of Electric Buses in Putrajaya
- 10:20 am Introduction to HVEV Safety & Technical Training
- 11:00 am Demonstration for first aid (CPR & AED)
- 11:15 am Tea Break
- 11:30 am Visit to Putrajaya Sentral-Pantograph charging demonstration
- 12:45 pm Group Photo Session
- 1:00 pm End of Visit and Depart to IEM, Petaling Jaya



## Why Join This Visit?

This visit enables the participants to:

- Benchmark EV bus MRO operations.
- Sneak peek at HVEV Training Centre safety modules.
- First Aid demonstration (CPR & AED)
- Observe Putrajaya Sentral's pantograph fast-charging system.
- Visit EMSB's Centre of Excellence for Electric Vehicles (Presint 14).
- Learn EV safety standards and high-voltage protocols.



- The visit is strictly limited to only **30 participants** registered on a “first-come first-served” basis.
- Interested participants are to register and pay online at [www.myiem.org.my](http://www.myiem.org.my), or register by returning the appended registration form before **21 July 2026** together with the payment.
- Cheques are to be made payable to The Institution of Engineers, Malaysia.
- Please note that the commitment fee must be settled prior to the visit. Payment on the day of the visit is not acceptable.
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that if a place is reserved, IEM may cancel the reservation if payment is not received.

“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion’  
 For intending participants who choose to ‘walk in without prior registration’,  
 IEM SHALL NOT be responsible for any direct or consequential losses”.

## Reply Form

### **Technical Visit: High Voltage Commercial EV Training and MRO Facilities, Putrajaya 28 July 2026**

I wish to participate in the above visit. I enclose herewith a cheque no. \_\_\_\_\_

for the amount of RM \_\_\_\_\_ as my commitment fee for the visit.

Name of Member: \_\_\_\_\_ M’shipNo.: \_\_\_\_\_

Address : \_\_\_\_\_

Tel (Office): \_\_\_\_\_ Tel (Mobile): \_\_\_\_\_

Company’s Name : \_\_\_\_\_

Email: \_\_\_\_\_

#### PERSONAL DATA PROTECTION ACT:

I have read and understood the IEM’s Personal Data Protection Notice published on IEM’s website at <http://www.myiem.org.my> and I agree to IEM’s use and processing of my personal data as set out in the said notice.

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....  
 (Date) (Signature)