

**SEMINAR ON FUTURE ELECTRICAL INFRASTRUCTURE TO CATER FOR ELECTRIC VEHICLE CHARGING SYSTEM**

by Mr. Wong Hung Yew

Mr. Wong Hung Yew is currently a committee member of Electrical Engineering Technical Division (EETD).

On 26th September 2022, The Electrical Engineering Technical Division (EETD) from IEM and Team of Electrical and Electronics Association of Malaysia (TEEAM) jointly organized the one-day seminar on the topic of “Future Electrical Infrastructure to Cater for Electric Vehicle Charging System” at Malakoff Auditorium in Wisma IEM.

More than 70 participants attended this seminar which commenced at 9 am. Most of participants came from the engineering consultancy sector, renewable energy, energy efficiency, M&E contractors, and Electric Vehicle (EV) charging infrastructure service provider and others.

The event’s opening speech was made by the current TEEAM President, Mr. Siew Choon Thye. (Picture as below).



There were a total of 5 designated speakers:

1. Ir. Ts. Mohamad Nor Bin Othman (Senior Assistant Director, Unit of Safety Development Electrical/Gas - Energy Commission, EC)
2. Mr. Chin Soo Mau (CEO – Pekat Group)
3. Mr. Cobe He (Regional Technical Consultant - Sungrow Power Supply Co., Ltd)
4. Ir. Lee Yuen How (Chairman – EV Charging Industry Association Malaysia)
5. Mr. Frankco Nasarino (Product Manager – Schneider Electric).

The speakers were introduced by Ir. Lee Kok Chong (TEEAM) and also Ir. Dr Siow Chun Lim (Chair of IEM EETD).

During the first session by the EC, Ir. Sharal Aida who replaced Ir. Ts. Mohamad Nor, shared her knowledge and latest development on the Energy Commission guide on the Electric Vehicle Charging

System (EVCS) installation in Malaysia. Some of the interesting subject matters covered the national compliance and also licensing matter for EVCS.



The second session was delivered by Mr. Chin Soo Mau. During his presentation, he mainly covered the latest developments on the EV Vehicle trend in Malaysia, and sharing his view on the readiness of the EV charging infrastructure in our country. In addition, he also shared his views on the current challenges faced by the EV industry as a whole.

In the third session, the designated speaker was Mr. Cobe He. He went through the details on how solar & energy storage system (ESS) can support the EV charging infrastructure and challenges of EV Charger station projects..

As for the fourth session, the talk was given by Ir. Lee Yuen How on the technical aspects of Electric Vehicles and the charging station technology. Some of the key take aways from this session would be the basic concept of EV Charging station, AC vs DC charger comparisons, challenges faced by EV Charging industry and some brief sharing on electricity licensing guide by EC.



The final session was conducted by Mr. Frankco Nasarino. Some of the key points are the importance of load management in the EV charging solution.

Overall, the event was a success. The sharing session on the EV charging infrastructure has been able to provide better insights and understanding towards the current trend of the E-Mobility in today's fast moving world of technology.

At the end of the sharing session, tokens of appreciation were presented to all the speakers for this seminar. The session was adjourned at approximately 4pm.