

TECHNICAL VISIT TO UiTM GAMBANG SOLAR FARM

(Organised by: Engineering Education Technical Division, IEM)

BEM Approved CPD/PDP hours: 3

Ref. No.: IEM23/HQ/275/V

Date/Day : 15th August 2023 (Tuesday)
Time : 8.00am – 5.00pm
Venue : UiTM Solar Park I, Jalan Gambang, 26300 Gambang, Pahang
Transport : Coach will be provided. Participants are to assemble at 7.45 a.m. at Wisma IEM, Petaling Jaya
The coach will depart from IEM at 8.00 a.m. sharp.

SYNOPSIS

The UiTM Gambang Solar PV Park, located in the heart of Malaysia, is a state-of-the-art facility that harnesses the power of the sun to generate clean and renewable energy. Spanning a vast area of 110 hectares, the farm boasts an impressive array of solar panels that efficiently convert sunlight into electricity (50 MWe), making a significant contribution to Malaysia's green energy goals.

During the visit, IEM members will be taken on a comprehensive tour of the solar farm, where they will have the chance to observe the intricate processes involved in solar energy generation. Experts from the facility will provide detailed insights into the design, installation, and maintenance of the solar panels, as well as the transmission and distribution systems.

Benefits of this technical visit:

- Offers a unique learning experience, allowing engineers to deepen their knowledge of solar energy systems, their operation, and their integration with the existing power grid. Through engaging discussions and hands-on demonstrations, participants will gain practical insights into the challenges and solutions related to solar energy implementation.
- This visit presents an invaluable opportunity for IEM members to witness firsthand the cutting-edge technologies and advancements in the field of solar energy.

IMPORTANT NOTES

Participants are advised to bring your OWN 'safety gear' (safety shoes, safety helmet and wear appropriate clothing) for the visit.

REGISTRATION FEE:

Commitment fees (inclusive SST)

(Non-refundable & non-transferable)

Grade	Registration Fees
IEM Member	RM 50.00
Non-IEM Member	RM 70.00

The visit is strictly limited to **30 participants** registered on a first-come-first-serve basis.

"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".

ITINERARY OF THE VISIT

Time	Description
8:00 am	Depart from IEM, PJ
10:45 am	Welcome and Introduction the solar farm and objectives of the visit.
11.00 am	Overview Presentation: <ul style="list-style-type: none"> • Design, capacity, and contribution to renewable energy. • Technologies used, such as photovoltaic panels and inverters.
11.30 am	Tour of the Solar Farm: <ul style="list-style-type: none"> • Explore the different sections of the solar farm, observing the solar panels and their arrangement. • Explain the installation process, maintenance procedures, and safety measures in place.
12:45 pm	Visit to the Main Control Centre: <ul style="list-style-type: none"> • Demonstrate how the solar farm is monitored, controlled, and optimized for efficient energy production.
1.15pm	Q&A and Discussion Session, Wrap-up and Conclusion
1.30pm	End of Visit

INFORMATION TO NOTE

- ✓ The visit is strictly limited to **30 participants** registered on a "first-come first-serve" basis.
- ✓ Interested participants are to register and pay online at www.myiem.org.my
- ✓ For Online Registration, only online payment is application [VIA RHB AND MAYBANK2U-PERSONAL SAVING & PERSONAL CURRENT: CREDIT CARD – VISA / MASTER CARD]
- ✓ Please note that the commitment fee should be settled prior to the visit.
- ✓ After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- ✓ Members are also reminded that IEM **MAY** cancel the reservation if payment is not received before the closing date.

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.

Ir. Dr Balamurugan A/L Annamalai Gurunathan

Chairman – Engineering Education Technical Division, IEM