



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TECHNICAL VISIT TO SOLAR FARM

KOMPLEKS HIJAU SOLAR, GADING KENCANA SDN BHD

(Organised by Oil, Gas and Mining Technical Division)

BEM Approved CPD/PDP hours: 2.5 Hours

Ref No: IEM15/HQ/358/V

Date : **28th October 2015 (Wednesday)**
Time : **10.00 am – 12.30 pm** (Assemble at Bangunan Ingenieur by 8.00 am)
Venue : Kompleks Hijau Solar, Jalan Solar 1, Bandar Hijau, Hang Tuah Jaya, 75450, Ayer Keroh, Melaka.
Transport : Coach will be provided. **(Coach will depart at 8.30 am sharp)**

BACKGROUND

A photovoltaic power station, also known as a solar farm, is a large-scale photovoltaic system (PV system) designed for the supply of merchant power into the electricity grid. They are differentiated from most building-mounted and other decentralised solar power applications because they supply power at the utility level, rather than to a local user or users. In Malaysia 67% of the 270MW of renewable energy generated is from solar photovoltaic.

Gading Kencana Sdn Bhd has successfully commissioned a 8-MW solar farm on a 6.86 hectare land in Bemban, Melaka with an investment cost of RM 86-million. The solar farm has a total output of 10,120 MWh annually. It is enough to power some 1,800 local households. The electricity produced is being purchased by Tenaga Nasional Bhd at 80 cents per kilowatt hour of electricity under the Feed-in Tariff (FiT) scheme managed by Sustainable Energy Development Authority Malaysia (SEDA) and the Energy Commission. The photovoltaic modules are supplied by Chinese photovoltaics (PV) maker Yingli Green Energy Holding Co. Gading Kencana Sdn Bhd is a renewable energy services company that provides a comprehensive range in renewable energy services. Recognising the potential of renewable energy in Malaysia, the founders have been steering the company steadily forward from its inception, first in the solar lights market, then progressing to solar and hybrid systems and recently breaking into large-scale solar PV systems with outputs by the hundreds of kilowatts.

TIME	ITINERARY
8.30 am	Bus departs from IEM, PJ
10.00 am	Arrival and welcoming remarks
10.30 am	Presentation of Gading Kencana
11.00 am	Q&A Session
11.30 am	Site visit to Power Plant
12.30 pm	Adjourn

- ✓ The visit is strictly limited to **30 participants** registered on a first-come, first-served basis.
- ✓ Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form **before 26 OCTOBER 2015** 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.

Ir. Ahmad Rafidi Mohayiddin

Chairman

Oil, Gas and Mining Technical Division

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.

Commitment fees exclusive of GST (Non refundable & non transferable)

IEM Member : RM 60.00
Non Member : RM 90.00

- REPLY SLIP -

Fax: 03-7957 7678 Email: norshafiqah@iem.org.my

TECHNICAL VISIT TO SOLAR FARM OF GADING KENCANA SDN BHD

I wish to participate in the above visit on **28th October 2015**. I enclosed herewith a cheque No.....for the amount of RM..... as my commitment fee for the visit.

Name:..... Membership :.....Grade:.....

Company:..... Designation :.....

Contact Number :..... IC Number :.....

Address:.....

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