



The Institution of Engineers, Malaysia  
(Penang Branch)



BEM Approved  
CPD/PDP Hours: 3  
Ref: IEM23/PG/255/N

## Technical Visit : LEADER SOLAR ENERGY II SOLAR FARM AT BUKIT SELAMBAU, KEDAH



**Time**  
9.00am – 12.30pm

**Venue**  
Lot 5, Pekan Bukit Selambau, 08010  
Bukit Selambau, Kedah..



<https://goo.gl/maps/XkAo8emtJp6VF9nq8>



Coordinator:  
**Ir. Wong Jian Choon**  
016- 477 5227

**Limited pax: 15 only**



**REGISTER ONLINE @**  
[event.iempenang.org](http://event.iempenang.org)

**IEM Member: RM 30**  
**Non-IEM Member: RM 60**

*This Technical Visit is organized by  
Electronic Engineering Technical Division, IEM Penang*

### Synopsis

Bukit Selambau LSE 2 Solar Farm is a 20MW Solar PV power project located in Bukit Selambau, Kedah, developed and owned by Leader Solar Energy Sdn Bhd. This is a ground-mounted solar project which is spread over an area of 72 acres. This solar farm was completed and commissioned in Feb 2020.

The solar farm is consisting of solar panels, central inverters, medium voltage/high tension equipment (step-up transformers and switchgears) and system control room. As sunlight hits the solar panels, the photovoltaic energy is converted into direct current electricity (DC). The direct current flows from the panels through inverters and is converted into alternating current (AC). Finally, the electricity travels through transformers, and the voltage is boosted for delivery onto the TNB distribution system.

Throughout the technical visit, the participants will gain knowledge on how the solar farm works and observe the actual solar farm system installation. Also, participants can also visit their monitoring system on the real time condition of the solar system.

### Special Note:

Kindly be informed that Leader Solar Energy Sdn Bhd practices safety measure during site visit:

- All visitors must adhere to all safety instruction given by the officers in charge and signage whilst in the site.
- All visitors shall prepare their own safety helmet & safety boots
- Leader Solar Energy Sdn Bhd shall not be held any responsible to any unwanted incidents happened during the site visit.
- Participants have to arrange their own transport to the stated venue, Leader Solar Energy Sdn Bhd and IEM will not be liable to any loss or damaged incurred.

Programme	
8.45am-9.00am	Arrival solar farm & registration of participants
9.00am- 9.15am	Introduction by Leader Solar Energy Sdn Bhd
9.15am - 10.00am	Technical Presentation
10.00am- 11.30am	Site Visit/ Tour
11.30am- 12.00pm	Q&A session
12.00pm-12.30pm	Round-up & Certificate Presentation