

## Technical Visit to Smart Meter Operation Center (SMOC) TNB

(Organised by: Seniors Special Interest Group, IEM)

Date : **12<sup>th</sup> October 2023 (Tuesday)** Rescheduled to **24<sup>th</sup> October 2023**  
Time : **8:45 am – 1:00 pm**  
Venue : **TNB Smart Meter Operation Center, Aras 3, Wisma TNB Jalan Timur, Petaling Jaya, Selangor**  
Transport: **Own transport**

### SYNOPSIS

Tenaga Nasional Berhad (TNB) has become the first power utility provider in the ASEAN region to embark on the Advanced Metering Infrastructure (AMI) project. The first phase of this project started in January 2018 and involved the installation of smart meters at over 340,000 domestic and low voltage commercial customer premises in Melaka. The second phase covered selected areas in the Klang Valley (Kuala Lumpur, Putrajaya, and Selangor) involving 1.2 million customers. By end of 2022, some 2.6 million smart meters have been installed. AMI is one of the key initiatives under Incentive Based Regulation as mandated to TNB by the Energy Commission. TNB plans to install a total of some 9.1 million smart meters beyond 2026.

AMI is an integrated system consisting of smart meters and a nationwide meter communication network. Other salient components include meter data management system, back-end IT systems. Smart phone and web based applications were incorporated to facilitate customer interactions. Radio Frequency Data links, Power Line Communications and Public Cellular Data Network are the three main communication technologies used for the first phase in Melaka.



### PROGRAMME

Time	
8.45 am	Gathering and registration at Wisma TNB, Jalan Timur
9:00 am	<ul style="list-style-type: none"> <li>Safety briefing by TNB</li> <li>Welcome by Project Director AMI TNB</li> </ul>
9:30 am	<ul style="list-style-type: none"> <li>Presentation for Advanced Metering Infrastructure</li> <li>Q &amp; A Session</li> </ul>
10:30 am	Tour to Smart Meter Operation Center (SMOC)
11.30 am	Q & A Session and Photo Session
12: 30 am	Light refreshment
1.00 pm	End of Session

**BEM Approved CPD hours: 3**  
**Ref No: IEM23/HQ/395/V**

#### Commitment Fees

**(inclusive GST)**

**(Non refundable & non transferable)**

**IEM Member : RM 30.00**  
**Non Member : RM 50.00**

- The visit is strictly limited to only **25 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 **5 September 2023** 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".**

**Ir. Chow Sei Ying, Raymond**

Chairman 2023/2024

Seniors Special Interest Group (SSIG)

**REPLY SLIP**

Chairman  
Seniors Special Interest Group,  
The Institution of Engineers, Malaysia  
PO Box 223 (Jalan Sultan),  
46720 Petaling Jaya, Selangor

(Fax to: 03-7957 7678) (Email: [suriani@iem.org.my](mailto:suriani@iem.org.my) )

**Technical Visit to Smart Meter Operation Center (SMOC) TNB**

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'ship No.: .....

Address : .....

Grade : .....

.....

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)

- Photocopies are acceptable -