



# THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan  
Tel: 03-79684001/2 Fax: 03-79577678 E-mail: [roselein@iem.org.my](mailto:roselein@iem.org.my) IEM Homepage: <http://www.myiem.org.my>

## Technical Visit to TNB JANAMANJUNG SDN BHD

(Organized by the Electrical Engineering Technical Division)

Date : 8<sup>th</sup> August 2016 (Monday)  
Time : 9.00am – 1.00pm (Assemble at Bangunan Ingenieur by 6.00am)  
(Coach will depart at 6.15am)  
Venue : SULTAN AZLAN SHAH POWER STATION Jalan Semarak Api, Teluk Rubiah, 32040 Seri Manjung, Perak Darul Ridzuan.

BEM Approved : CPD/PDP Hours : 4  
Ref No: IEM16/HQ/296/V

### INTRODUCTION

**TNB Janamanjung Sdn. Bhd. (TNBJ)** was incorporated in August 1996 to spearhead the design, development, and management of the power plant which was to be coal-fired, in line with the national strategy to reduce heavy dependence on natural gas as fuel source for power generation.

The TNB Janamanjung power plant is uniquely located on a 325 hectare wholly reclaimed island located approximately 10 km south of the port of Lumut, Perak. The original development consists of Manjung 1, 2, and 3 which are 3 x 700MW coal-fired units commissioned in 2003 with a net power of 2,100MW. In 2010 TNBJ was given a mandate from the Energy Commission of Malaysia to develop and deliver 1,000MW Manjung 4 and 1,000MW Manjung 5 plant which will be commissioned in 2015 and 2017 respectively. The two upcoming plants will adopt the ultra-supercritical boiler technology which is more efficient than the current conventional boilers operating in Malaysia. The new total net power of 4,100MW will represent 23% of the country's total power capacity.

For this technical visit, participants will be visiting TNBJ's On-Job-Training (OJT) and Simulator Department with the opportunity to learn and experience TNBJ's power plant process and operations.

**COMMITMENT FEE (INCLUSIVE OF GST)**  
(Non refundable & Non transferable)  
IEM Member: RM100.00  
Non Member: RM120.00

### 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.

Time	Tentative Itinerary
6:15 am	Registration at Bangunan Ingenieur, IEM
6:30 am	Bus Departure from IEM, PJ
10:00 am	Introduction to TNB Janamanjung Sdn Bhd
10:30 am	Site Visit to TNBJ OJT & Simulator
1:30 pm	Adjourn

- The visit is strictly limited to only **thirty (40) participants** registered on a first come first pay basis.
- Interested members could register and pay online at IEM website (<http://www.myiem.org.my>); OR register by returning the appended registration form by **3<sup>rd</sup> August 2016** together with the payment.
- Cheques are to be made payable to "The Institution of Engineers, Malaysia".
- **The commitment fee must 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 if a place is reserved, IEM may cancel the reservation if payment is not received.
- If IEM maintained the reserved seat and the intending participant failed to attend the visit on the date of the event, the fee will still have to be settled in full.

**Ir. Yau Chau Fong**

Chairman, Electrical Engineering Technical Division

- REPLY SLIP – Phone No: 03-79684001/02 Fax: 03-7957 7678

## Technical Visit to TNB JANAMANJUNG SDN. BHD.

(Organized by the Electrical Engineering Technical Division)

I wish to participate in the above visit on **3<sup>rd</sup> August 2016**. I enclosed herewith a cheque No.....for the amount of RM..... as my commitment fee for the visit.

Name: .....

Membership: .....

Grade: .....

Contact Number: .....

Company Name: .....

Address : .....

I will be participating in the visit on 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