

TECHNICAL TALK ON DISTRIBUTION AUTOMATION PROJECT

(Organised by Electrical Engineering, Technical Division, IEM)

BEM Approved CPD/PDP Hours: 2
Ref. No. : IEM18/HQ/447/T

Date : 3rd November 2018 (Saturday)
Time : 9.00am – 11.00am (*Refreshments will be served at 8.30am*)
Venue : TUS and C&S Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Tuan Hj Mohamad Rosli Bin Hussain

SYNOPSIS

TNB has embarked on Distribution Automation Project as part of its initiatives to reduce System Average Interruption Duration Index (SAIDI), provide high reliability of supply and improve service quality since 2006. To date, Distribution Automation (DA) Project has installed Supervisory Control and Data Acquisition (SCADA) facilities and commissioned over 9,000 substations in 11 kV networks in Peninsular Malaysia. This has enabled better visibility to Control Engineers at Control Centres to monitor and perform remote control and restore electricity supply quickly in the event of an unscheduled power outage, thus reducing the duration of outage as measured by SAIDI.

DA Project focuses mainly in highly-sensitive & important areas, Central Business Districts (CBDs) & Industrial zones in major cities. DA Project enables remote monitoring & control of network assets to improve SAIDI and CAIDI. It is implemented to provide fast & efficient supply restoration in the event of supply interruption. DA Project utilises SCADA-ready field equipment such as Motorised RMU, VCB, Compact Substations, Auto-reclosers and Fault monitoring devices such as Earth Faults Indicators (EFIs) & Line Fault Indicators (LFIs) to provide the remote monitoring & control facilities to the Regional Control Centres (RCCs).

SPEAKER'S BIODATA

Tuan Hj. Mohamad Rosli is the Project Director (Distribution Automation) at Distribution Network Division, Tenaga Nasional Berhad based in Subang Jaya, Selangor, since 2014. Mohamad Rosli has over 30 years of vast experience in the electric utility company. He started his career in Penang as an Assistant Consumer Engineer in 1986 and has worked in Operation and Maintenance, Planning and Construction, Protection before being promoted as the General Manager of Putrajaya & Cyberjaya in 2010. In 2014, he joined SCADA/DA Unit as the General Manager. In 2017, he was appointed to his current post, overseeing 3 main projects, namely, Master System Replacement, Distribution Automation and Change Management projects.

Tuan Hj. Mohamad Rosli is a graduate engineer from Memphis State University in Electrical Engineering in 1985 and also holds a Master's Degree in Engineering Management from University Tenaga Nasional. and has been driving the successful implementation of SCADA/DA projects in TNB.

Ir. Chong Chew Fan
Chairman
Electrical Engineering Technical Division

FEE ANNOUNCEMENT (Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15
 - (b) Walk-In RM20

Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

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