

Technical Visit

SCADA System at NERCC, Wisma TNB Seberang Jaya

BEM Approved
CPD/PDP Hours: 3
Ref: IEM23/PG/537/V



TENAGA
NASIONAL BERHAD



15 Dec 2023 (Fri)



8.30am – 12.30pm



NERCC, Wisma TNB,
3031, Jln Tenaga,
Seberang Jaya, 13700
Perai, Penang



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event.iempenang.org

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

Synopsis

TNB has embarked on Supervisory Control and Data Acquisition (SCADA) projects at 11 kV distribution substations since 2006 for real-time monitoring and control of field equipment as part of its initiatives to improve availability and reliability of supply of distribution network. This is vital in fulfilling TNB's objective to enhance customer satisfaction by providing fast restoration of supply in the event of supply interruption.

Distribution Automation (DA) Project team was formed in 2014 to focus and accelerate the deployment of SCADA projects and intensify installations at 11 kV distribution network for the whole of Peninsular Malaysia. Distribution Automation (DA) is an initiative under TNB transformation program (Reimagining TNB) that uses Supervisory Control and Data Acquisition (SCADA) Technology by Equip substations with remote monitoring/control facility whilst improving the network reliability and productivity.

The main objective of implementing DA Project is to provide fast restoration of supply to the customers, which aims to deliver exceptional customer's experience. With the use of SCADA technology at Control Centres and SCADA facilities at the substations, Control Centres are now able to obtain real-time data monitoring and control of network assets, and thus, enables quick identification of fault location and informed-decision to restore supply within short period of time.

Distribution Automation (DA) integrates with field equipment technologies to enable remote monitoring and control from Control Centre, thereby enabling network controllability and visibility that will improve supply reliability and facilitate energy transition toward sustainability energy resources.

This Event is organized by:



In Collaboration with:



The Institution of
Engineering and Technology