

ADVANCED METERING INFRASTRUCTURE (AMI)

27 – 30 June 2022



Organised by :

 11:00 -17:00 Malaysia (GMT +8) |  Digital Learning (Webex)



Advanced Metering Infrastructure (AMI) is an integrated system of Smart Meters, communications networks, and data management systems that enables two-way communication between utilities and customers. This AMI system allows daily electricity consumption to be recorded and converted into data, which can be monitored by consumers. Hence, it will improve customer satisfaction with faster interaction, while giving consumers more control of their energy usage to save money and reduce carbon emissions.

Tenaga Nasional Berhad (TNB) plans to install Smart Meters in 9.1 million households across the country (peninsular Malaysia) by 2026. TNB has rolled out first phase of its AMI implementation to customers in Malacca (2018) and expanding its phase to Lembah Klang in late 2019.

This course is to provide deep understanding information of AMI project since smart meter is part of Digitalisation key technologies in 4 megatrends affecting the energy industry in Malaysia. In this on-demand course, we will discuss on AMI Technology and its implementation. Learn about AMI and why it matters to you.

Course Objectives :

Upon completion of this course, participants will be able to:

- Identify various types of smart meter
- Identify and name constructional parts of smart meter and its different between smart meter and electronic/electromechanical meter.
- Explain the smart meter system and advanced metering system.
- Explain telecommunication in smart meter system.

Target Participants:

Engineer and Non engineer

Course Content :

Day 1

Advanced Metering Infrastructure (AMI)–Worldwide Point of View and Installation

Day 2

Understanding Smart Meter and Advanced Metering Infrastructure

Day 3

AMI, What's in it for you

Day 4

- Installation of Smart Meter
- Rollout Challenges in AMI

ABOUT TNB ILSAS

TNB Integrated Learning Solution: ILSAS is a premier technical training institute committed to providing excellence in training and services. In line with that, ILSAS works with experts in power utility engineering and a complete range of facilities. ILSAS is a wholly-owned subsidiary of Tenaga Nasional Berhad, Malaysia's largest power utility company.

We do it with the latest teaching methods, a vast pool of qualified and experienced trainers, having access to effective training tools and high-investment environments, and in full accordance with global industry standards, technological and regulatory.

More about us in www.tnbilsas.com.my

ABOUT MTCP

The Malaysian Technical Cooperation Programme (MTCP) was officially launched on 7 September 1980 at the Commonwealth Heads of State Meeting in New Delhi, India, to signify Malaysia's commitment to the South-South Cooperation, in particular, the Technical Cooperation among Developing Countries (TCDC).

The MTCP emphasizes on the development of human resources through the provision of training in various areas which are essential for a country's development such as agriculture, economy, finance, public management and administration, science & technology and ICT, health diplomacy, safety and security including cyber security, cultural diplomacy, social development, environment-related to SDG2030, education, industrial and technical training.

Annually, Malaysia offered more than 60 technical and capacity-building programs under the MTCP, which have benefited more than 35,500 participants from 144 countries.

Objectives of MTCP

- To share the development experience with other countries;
- To strengthen bilateral relations between Malaysia and other developing countries;
- To promote South-South Cooperation (SSC); and
- To promote technical cooperation among Developing Countries.

Application :

- The course fees are **fully sponsored** by the Government of Malaysia.
- **Applications should be made using the prescribed MTCP forms available at http://mtcpcoms.kln.gov.my/mtcpcoms/upload/MTCP_2022_ApplicationForm.pdf**
- MTCP application forms can also be obtained from the nearest Malaysian Embassy/High Commission in recipient countries.
- All application forms must be duly completed and endorsed by the Ministry of Foreign Affairs or National Focal/Aid Coordinator Agency in the respective countries and submitted **ONLY** through the diplomatic channel via the Embassy/High Commission of Malaysia.
- **Only successful applicants will receive the Official Invitation notification one (1) week from the course date, by the Training Institute via email.**
- **Application closing date : 27 May 2022**

Terms of Award :

- A degree holder / technical background
- Minimum working experience of 1 year
- Must have a minimum 1 year experience in utility industry
- Good command of English –spoken &written

Coordinator:

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