



IEM

The Institution of Engineers, Malaysia

IEM CONSULTING ENGINEERS SPECIAL INTEREST GROUP (CESIG)

PROUDLY PRESENTS

WEBINAR ON INTEGRATED POWER CIRCUIT BREAKERS WITH ENERGY & ASSET MANAGEMENT CAPABILITIES

**Selectivity & Coordination
with Power Circuit Breakers**

**Energy Management & Asset
Management**

Synopsis

This is a basic introduction to the different IEC types of LV circuit & all the relevant coordination standards prevalent in the UK and international markets. The needs of each type are described with the implications on each at installation. The presentation identifies generic classes of circuit breakers, their physical characteristics & ratings. The relative requirements of Time/Current Selectivity, Energy Selectivity and Back-Up Protection are explained in full, whilst more advanced zone selectivity techniques are also covered.

Synopsis

This CPD looks at the subject of trends in the Energy and Asset management market. How can we save money and avoid penalties and at the same time improve energy efficiency and productivity by optimizing through digital transformation? Learn how to create a roadmap for energy management processes including accreditation to ISO 50001:2018 and how predictive maintenance enables OPEX savings in assets highlighting return of investment (ROI) calculation. This includes an example of an energy and asset management platform for MV and LV power-distribution with advanced features to support the elevation of quality in electrical systems through Energy Monitoring; Energy Forecasting; Power Control; Power Quality; Predictive & Condition based maintenance; Asset Monitoring & Alerting and Notification.

About Speaker

Mr. Mohammed Atif Saleri

Mr. Mohammed Atif Saleri is highly experienced Technical Sales Manager with expertise in Industry 4.0 related to power distribution and have been business lead for UK. Due to his success in the UK, he have now taken on the same responsibilities in ABB Singapore. Through a series of employment situations and academic experiences, he have developed a substantial bank of skills, knowledge and personal attributes essential to building a successful career. Moreover, he is confident working in a busy, demanding role, with the ability to multitask when necessary, capable of prioritising a large and varied workload; he also flexible in an ever-evolving industry especially important in the emergence of IIOT (Industrial Internet of Things), with a positive and enthusiastic attitude towards work.



Mr. Lionel Ng

He is working as Global Technical Promotion & Training Specialist under Electrification Products Division, Smart Power Business Unit in ABB. He graduated from Royal Melbourne Institute of Technology in Australia and holds an Honors Bachelor's Degree in Electrical Engineering. He has more than 21 Years of working experience in the electrical industry. Lionel joined ABB in 2001 and has held various positions in Sales and Product management roles based in Singapore. Since 2011, he took on a role as Technical Promotion Manager supporting internal ABB as well as external customers in the Asia Region. Since 2019, he has expended his coverage taking on a Global role in Training and Technical promotion with the Smart Power business unit. He has been managing trainings that were approved by the local electrical engineering boards.



Date: 20 Oct 2022 (Thursday)

Time: 10am-12pm

Virtual Platform: Zoom Meeting

CPD Point: Application In Progress

Registration Fee

IEM Students : FOC

IEM Members : RM15 | Non IEM Members : RM70

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