IEM
The Institution of Engineers, Malaysia

WEBINAR

SESSION 1 - IEC60831 and IEC61921 - Selection, Design and Operation of Power Factor Correction Capacitor

Electrical Engineering Technical Division

The poor efficiency of electrical loads can be contributed by the inductive loads where it consumes "Reactive Power" that makes electrical network inefficient and low power factor. The low power factor overloads the power station, reduces the efficiency of the equipment's, capacity of transformers, sizes of cables and capacity of switchgears. Traditionally, we use Power Factor Correction (PFC) Capacitors or Synchronous Generators to improve the Power Factor. In this session, the presenter will focus on LV PFC Capacitor - IEC60831 and IEC61921 recommendation for the Selection, Design and Operation of the PFC Capacitor bank. This session will also explain the factor's affecting the life of the Capacitor and how Schneider Electric contributes to provide the best PFC Offers to have increased Safety, Reliability and Performance. With more than 20 years of extensive research, product development and in-house state of the art manufacturing, Schneider Electric provides the best in class Power Quality Solution to the industries ranging from PFC Components to build PFC Equipment and Active correction.

SPEAKER

Jitendra Niranjan Singh

Mr. Jitendra Niranjan Singh is a Global Marketing Manager, Power Quality, Schneider Electric graduated in Electrical Engineering with honors and started his career as an Executive engineer for the electrical switchgear design. With more than 10 years of experience, he has worked in multiple industries from electrical switchgear design, wind turbine technology and recently with Power Quality. Mr Jitendra has been associated with the Power Quality business in Schneider Electric since 2016 and now leads the Global marketing for the Power Quality Components. As part of this role he has been working very closely with Global Consultants, Panel builder and End users by providing the increased awareness and trainings on how to select, design, build and Operate a Power Factor correction system using PFC Components.

Monday I 18 May 2020 I 9.30AM – 11.30AM

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