

WEBINAR TALK ON OVERVIEW OF GRID CONNECTED SOLAR INSTALLATION & CONSTRUCTION RISK

BEM Approved CPD/PDP: 2 Ref. No.: IEM21/HQ/320/T(w)



Speaker:

Ts. Ganesh Rao Nagiah

CEng, CMarEng, PMP, REEM

**12TH OCTOBER 2021,
TUESDAY
5.30 PM - 7.30 PM**

Registration Fees
(effective 1st August 2020)

IEM Members : RM 15.00

IEM Non Members : RM 70.00

Register online | www.myiem.org.my

SYNOPSIS

The Malaysian government has set its 2025 target to achieve 31% of Renewable Energy (RE) mix production through various sources where solar energy is showing a tremendous growth in the RE segment. This initiative was mainly driven by the Ministry of Energy and Natural Resources (KeTSA). Large Scale Solar (LSS) projects were introduced back in 2016 (LSS-1) replacing the Feed-In-Tarif (FIT) scheme to drive down the Levelized Cost of Energy (LCOE) where today it has reached up to LSS 4 1000MW quota. Net Energy Metering (NEM 3.0) ensures public participation in the solar initiatives. Designing, constructing, operating, and maintaining solar plants requires a good blend and collaboration between multi engineering disciplines towards achieving the target objective towards a successful project delivery. This technical talk will give an brief overview of grid connected solar installation, associated construction risk and potential mitigation measures.

SPEAKER'S BACKGROUND

Ts. Ganesh Rao Nagiah graduated from University Tenaga Nasional (UNITEN) in Civil Engineering (Hons.) in 2010. He is 10 years' of professional experience with below affiliations:

- Professional Technologist (Green Technology) with MBOT
- UK Chartered Engineer, CEng & IMarEST Marine Engineer, CMarEng
- Certified Project Manager, PMP® by PMI
- Member of UK Institute of Marine Engineering, Science & Technology IMarEST
- Registered Electrical Energy Manager, REEM by ST
- Thermal Energy Recovery Technologist, TERT - Level 3

In solar industry, Ts.Ganesh has supported engineering design review, site audits, act as technical advisor and performed technical due diligence for utility scale solar and floating solar projects within Asia Pacific region more than 500MWac. Ts.Ganesh also has experienced as Owners Engineers Project Manager for 50MW Utility Scale Solar project in Malaysia while working closely with civil, mechanical and electrical engineers, EPC and design consultants. Prior joining solar industry, Ts.Ganesh has around 9 years' experience in offshore engineering includes offshore structural integrity management (SIM), offshore risk-based inspection (RBI), offshore inspection work pack development & inspection planning, offshore operational audit, structural design engineering, digitalization project, team management and project management.