The Institution of Engineers, Malaysia

WEBINAR TALK

Large-Scale Solar O&M from a Practitioner's Perspective: Reliability, Revenue Protection and Real-World Risk Management

Organised by :
Electrical Engineering Technical Division, IEM

Webinar Details

- **Date : 18th July 2026 - Saturday**
- **Time : 9.30am - 11.30am**
- **Venue: ZOOM, Virtual Platform**
- **BEM CPD: 2**
  Ref. No.: Applying
- **Registration Fees**
  IEM Student: FOC
  IEM Members: RM15
  NON-IEM Members: RM70

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Synopsis

Large-Scale Solar (LSS) operation and maintenance is not only about keeping the plant running. From a practitioner's perspective, it is about protecting generation, availability, performance ratio, revenue, contractual compliance and long-term asset value. This session shares practical insights into the real issues faced during LSS plant operations, including inverter trips, transformer and RMU, grid interruptions, communication breakdowns, weather impact, delayed corrective actions, warranty claims, spare parts readiness and coordination with OEMs, TNB, contractors and asset owners. The talk will also highlight how effective O&M governance, data-driven monitoring, root-cause analysis, preventive maintenance, risk registers and financial loss quantification can improve decision-making at management and board level. The emphasis is on translating technical events into commercial impact — kWh loss, tariff loss, downtime exposure, liquidated damages risk and recovery strategy. The session is suitable for engineers, asset managers, project owners, financiers, consultants and decision-makers who want to understand LSS O&M beyond textbook theory and from actual project delivery experience.

Speaker's Biodata

Ir. Noor Iziddin Abdullah Bin Haji Ghazali, PMP is a C-level renewable energy and energy infrastructure professional with more than 22 years of experience across solar PV, BESS, energy efficiency, sustainability, project management and energy economics. He has led and advised clean energy initiatives involving utility-scale solar, rooftop solar, energy efficiency, climate action and sustainable infrastructure projects in Malaysia and the region. His professional background spans engineering, property, telecommunications, healthcare facilities, international development and renewable energy sectors, including work with GIZ/C40 Cities Finance Facility and major Malaysian energy-related stakeholders. He is a Professional Engineer with Practising Certificate (PEPC) and Project Management Professional (PMP), with strong capability in translating technical engineering issues into board-level commercial, operational and financial decisions. His current focus includes solar PV asset performance, LSS O&M, BESS deployment, project financial modelling, governance, risk mitigation and revenue protection.