



PV SOLAR SYSTEMS

24 & 25 NOVEMBER 2025 SUNWAY LAGOON HOTEL

TRAINING PROGRAMME NO: 10001391188

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- Many solar power systems do not save energy, why?
- How you can save energy with a PV system?
- What is ATAP/Net Metering/Feed in Tariff (FiT) ?
- Why is a standalone PV system more efficient than a grid connected system?
- How do I calculate how much energy a solar panel will produce?
- If I buy a 100kW PV system how do I know how much energy it will produce?
- Why does the terminology for PV make no sense, example 1MW of PV can mean many different things and does not indicate the energy that can be produced.

COURSE OUTLINE

DAY 1

Overview and Introduction
about PV System

PV Module Characteristics

Current PV implementation in
Malaysia and around the world

Solar PV Performance
and Comparison

Selection, ROI, Risk &
Performance of Solar

DAY 2

Design & Installation of PV
Systems

Operation & Maintenance
of PV Systems

Standards of PV Systems

Interaction of PV System
Components

PV Inverter and grid
integration

Energy Storage

Case Study – Integration of
PV System in Commercial
Building/ Industrial Plants

Demonstration of
standalone PV system

Future of PV System