



# PV SOLAR SYSTEMS

Achieve Immediate Grid Parity with a Modern Solar Power System

25 & 26 JUNE 2025

SUNWAY LAGOON HOTEL

TRAINING PROGRAMME NO: 10001391188

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## Our Consultant: Paul David Millott

- Many solar power systems do not save energy, why?
- How you can save energy with a PV system?
- Is Net Metering/Feed in Tariff (FiT) cost effective?
- 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