

DESIGN OF GRID-CONNECTED PHOTOVOLTAIC SYSTEM USING PVSYST

OVERVIEW

This course aims to design, predict and optimize the energy output of a solar photovoltaic (PV) power plant. It allows the user to simulate and predict the energy output, analyze near shadings, far shading, carry out financial analysis, probability reports and generate many types of outputs. This helps the PV system integrator in predicting the overall performance of the solar PV power plant. PVSyst is an industry-standard with research grade elements to be used as a design tool and a must-have skill for a solar PV system integrator. The final report produced from a PVSyst simulation plays a key role in the proposal to be submitted to potential clients and investors in order to understand the bankability and performance of the solar PV plant. This short course introduces the software and covers key topics from the beginner to intermediate levels.

OBJECTIVE

- Knowledge and understanding about the software.
- Ability to set-up and execute the simulations.
- Generate proper results and understanding of their meanings.

REGISTRATION



COURSE INFORMATION

Date | 2-3 December 2024

Time | 9am - 5pm

Course Fee

- RM3,780.00/pax (Non-MPIA members)
- RM 2,970.00/pax (MPIA members)

Venue | SHRDC, Shah Alam

Duration | 2 Days

Facilitator | Dr. Ahmad Maliki

TRAINING METHODOLOGY

- Hands-on
- Structured activities

TARGET AUDIENCE

- Engineer
- Competent Person
- Qualified Person
- Technician
- Project Manager
- Regulation
- Chargeman
- Contractor
- Service Provider
- Wireman
- Academia
- Researchers