INTRODUCTION TO SOLAR PV SYSTEM SOFTWARE (PVSYST)

OVERVIEW

The course is intended for all PV design engineers, PV installers, PV project managers and academicians. The objectives of this course is to understand the characterize the components of a PV system, and their modelling implementation in PVSyst. The use of the PVSyst program for the design and optimization of grid connected PV systems and at the end, participants will be able to analyze system layout and shading issues.

TRAINING METHODOLOGY

Participants undergo training using computer that runs under Windows and with the latest version of PVSyst installed (computer will be provided during the training).

COURSE FEES

MPIA Member Fees:
RM 2,915.00/pax (Inclusive SST 6%)

Non-Member Fees:
RM 3,710.00/pax (Inclusive SST 6%)

DATE & VENUE

Date: 18 & 19 May 2023 (2-Days)

Time: 9.00am to 5.00pm

Venue: Selangor Human Resources
        Development Center (SHRDC)
         Jalan Tinju 13/50, Seksyen 13,
         40100 Shah Alam, Selangor

GET IN TOUCH

MPIA : Asriezam (Ijam)
SHRDC : Hajar

012-7343190
014-265 9631

asriezam@mpia.org.my
siti.hajar@shrdc.org.my

TRAINER PROFILE

Ir Dr. Lim Boon Han is an assistant professor in University of Tunku Abdul Rahman, Malaysia. He obtained his Bachelor of Electrical Engineering (first class honours) from University Technology of Malaysia in 1998 and his PhD from Cambridge University. He was awarded National Science Fellowship from MOSTE to support the direct doctorate study. He has designed 40MW of commissioned solar power plants and led 40 research projects, with total amount of funding equivalent to USD60 million. He is the inventor of 12 patents and has 21 peer-review publications and 18 conference papers. He is a Reviewer of Elsevier Science: Solar Energy, Review Editor of Frontiers in Solar Energy and an Associate Editor of Journal of Daylighting.

TRAINING PROGRAM OUTLINE

Day-1

Topic 1: Introduction to GCPV System

Topic 2: Introduction to PVSyst Software

2.1 Features & functions
2.2 Preliminary Design
2.3 Tools & Database explanation

Topic 3: Introduction to Basic Design using PVSyst

3.1 Demonstration and hands-on
3.2 Hand-out assignment

Day-2

Topic 4: Case Study 1: Rooftop Design (No Shading)

4.1 Demonstration and Hands-on
4.2 Hand-out assignment

Topic 5: Case Study 2: Rooftop Design (With Shading)

5.1 Demonstration and Hands-on
5.2 Hand-out assignment

Topic 6: Report Analysis:

6.1 Losses parameters analysis
6.2 Loss Diagram Analysis