

A COURSE ON
INTRODUCTION TO GRID-CONNECTED PHOTOVOLTAIC (GCPV) SYSTEM
DESIGN

Duration: 2 days

Method of teaching: Face to Face

Trainer: Ts. Dr. Mohamad Zhafran Bin Hussin

The course provides a comprehensive overview and design of solar energy systems including type of photovoltaic (PV) modules, inverters, type of PV system and PV Balance of System (BOS). The course focusing on grid-connected photovoltaic (PV) systems.

Contents:

Introduction to Grid Connected PV (GCPV) System

Design and sizing of GCPV systems (Dimension of PV array)

Design and sizing of GCPV systems (Matching of PV array to inverter)

Design and sizing of GCPV systems (Other BOS components and integration)

System performance and evaluation (Types of monitoring and equipment Performance indices)

Tool and Measurements

- Solmetric PVA-1500V PV Analyzer & DJI Matrice 300 RTK Thermal Drone
- Site visit of UiTM Solar Park I, Gambang, Pahang/ UiTM Photovoltaic System

Relevance

- Engineer / Competent Person / Qualified Person
- Technician / Chargeman / Wireman / Installer
- Contractor / Service Provider
- Project Manager / Regulator
- Academia / Researchers

Venue

TBD

Fee

MYR1500

Contact

Ts. Dr. Siti Zaliha Binti Mohammad Noor

Head

Training and Continuing Education Unit

Solar Research Institute (SRI)

Universiti Teknologi MARA,

40450 Shah Alam,

Selangor

Phone (O) : +603-55436125

Phone (H/P) : +6017-6663457

Email address : sitizaliha@uitm.edu.my

End of Document