The Solar Design Company Training Courses

Shading and Solar Surveying

1. Introduction

The Solar Design Company provides training in PV and solar thermal design. We specialise in site and shading assessments using software simulation packages. The Solar Design Company is the official UK partner and distributer of Valentin Software. This document summarises the course content and learning outcomes from the delivery of the **Shading and Solar Surveying** course.

The overall aim of the training is:

1. To practice a range of shading and site analyses.
2. To develop skills in using survey and shading assessment tools.
3. To learn how site survey data integrates with commercial simulation software such as PV*SOL.

2. Course Overview

This course will focus on the practical side of PV design, conducting shading assessments and accurate site surveys. We will give you grounding in the theory of the UK MCS shading method and how to conduct these quickly and accurately, as well as in alternative shading methods for precise performance quotes.

This course complements the core PV*SOL training course (Pro or Premium) by adding practical skills to design techniques learnt during the software course. We recommend also undertaking the full PV*SOL or T*SOL courses to best build on your skill as a designer.

3. Course Structure

Time	Description
08:30 to 09:00	Arrive at the venue for registration and setup
09:00 to 10:30	**Session 1:** Shading and site surveying: the theory and techniques
10:30 to 10:50	Tea Break
10:50 to 12:15	**Session 2:** Practical: shading assessments
12:15 to 13:15	Lunch
13:15 to 14:45	**Session 3:** Practical: site surveying
14:45 to 15:15	Tea Break
15:15 to 16:45	**Session 4:** Optimising your design; integrating with PV*SOL design software