

SE-PVDSGN: SOLAR PV DESIGN



DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
1 Day	Entry	PV Power System	ILT	N/A

INTRODUCTION

One of the most accessible forms of renewable energy available is solar electricity. The solar industry is currently experiencing monumental growth globally and now is the time to get involved. The energy sector is a significant part of our economy and could become a major employer of people – with the right competencies.

The aim of this 1-Day course is to introduce learners to a web-based sales and design tool for solar professionals, with the power to completely reshape the proposal generation process.

This introductory course focused on learning by doing. You will be given a physical address whereby learners will implement design concepts, which will provide learners with an understanding of the designs flow process. Focus will be given on the type of design application such as residential, commercial as well as ground mounted and roof mounted system requirements. Also, grid-tied options will be covered.

AUDIENCE PROFILE

All Solar Professionals

PREREQUISITES

Desire to learn.

COURSE OBJECTIVES

Learn to create quick energy estimation reports, 3D models, and SLD diagrams with case studies up to 5MWp.

- Complete walkthrough of the design tool and its functions
- Understand your client's design requirements
- Step-by-step and approach to solar design
- Electrical and mechanical design inputs
- Calculate losses, analyse reports and evaluate performance

COURSE CONTENT

The course will outline the basic step by step procedure to complete your first Helioscope project focusing on the following:

- Create a Project.
- Create a Design.
- Draw the Mechanical Layout.
- Define the Electrical Settings.
- View Simulation and reports.

ASSOCIATED CERTIFICATIONS & EXAM

Delegates will receive a Mecer Inter-Ed attendance certification upon successfully completing this course.