

Photo-Voltaic Solar Systems

Course Objective

The course provides the knowledge on how to install a solar PV system and takes into consideration the majority of systems installed in the UK investigating the different system configurations, components and operating characteristics. The course targets aspects which are particular to solar PV systems giving operatives the confidence to select, install and maintain systems.

The course is aimed at already qualified or experienced Electrical personnel.

Course Content

- The solar resource
- System configurations
- Solar system design
- Solar modules
- Solar module mounting structures & arrays
- Electrical wiring of the solar system and associated components
- Solar modules
- Grid-connected solar systems
- Charge controllers
- Batteries
- Practical sessions
- Sizing solar systems
- System testing & commissioning

Certification

ELECSA

Duration: 3 Days including theory, practical and assessment.

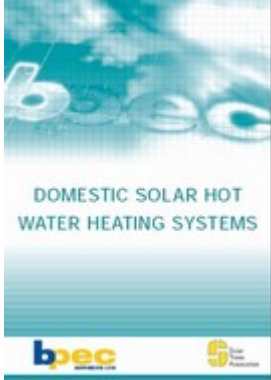
Cost - £650.00 plus VAT

The course costs include examination entry fees, a choice of meals from our lunch menu and refreshments throughout the day.

Entry Requirements: Electrical experience equivalent to EAL domestic installer, please enquire about our EAL electrical training

Dates: 2-4 April, 2-4 May, 28-30 May, 18-20 June, 16-18 July, 20-22 August

Solar Hot Water Heating Systems



The BPEC course has been developed in conjunction with the Solar Trade Association (STA), the UK trade association for solar water heating systems. This course is aimed at already qualified or experienced domestic heating engineers and plumbers.

Course Objective

The course provides the knowledge on how to install a solar domestic hot water system and takes into consideration the majority of systems installed in the UK investigating the different system configurations, components and operating characteristics. The course targets aspects which are particular to solar domestic hot water systems giving operatives the confidence to select, install and maintain systems.

Course Content

- Introduction to Domestic Solar Hot Water
- Solar Collectors
- Hot Water Storage and Installation bases
- Preparing to install a Solar hot water system
- Fitting of solar collectors
- Plumbing layout
- Control and Power Requirements
- System commissioning

Certification

Bpec

Duration: 3 Days including theory, practical and assessment.

Cost - £650.00 plus VAT

The course costs include examination entry fees, a choice of meals from our lunch menu and refreshments throughout the day.

Note: This course is not intended for those without any experience of heating or plumbing installation experience.