



Solar PV and Electrical Energy Storage Systems (EESS) - BPEC

Course Aim

This 5 day course will provide the knowledge and understanding of how to design, install, fault find, and maintain Solar Photovoltaic (PV) systems and Electrical Energy Storage Systems (EESS) to high standards, in line with industry standards and codes of practice.

Who Should Attend?

This course is suited best for delegates with electrical experience who are interested in learning more about Solar PV and EESS systems. To enter into this course, you **MUST** hold a valid level 3 accreditation in Electrical Installation and BS 7671: 2018 Requirements for Electrical Installations – 18th edition.

Course Duration

This is a 5 day course.

Maximum Delegates

Maximum attendees: 8 delegates.

Certification

The delegate will receive a BPEC accredited certificate upon completion.

Agenda

The course will consist of both practical and theoretical components that relate to the below:

Solar PV (3 Days)

- Design and system performance.
- Installing a solar photovoltaic D.C circuit in accordance with the manufacturer's guidance regulatory requirements and industry recognised procedures, to include the positioning, fixing, and connecting the components.
- Inspecting and testing
- Commissioning
- Handing over a solar photovoltaic system
- Undertaking routine service and maintenance
- Undertaking fault diagnostic work
- Undertaking fault rectification work

EESS (2 days)

- Introduction to Electrical Energy Storage Systems (EESS) (Battery Storage)
- Legislation, standards and industry guidance
- Preparation for Design and Installation
- Initial Verification Methods Relevant to EESS
- Handover and DNO Notification

Safety / Value / Availability / Support