

Solar Photovoltaic Systems

This course focuses on small-scale solar PV systems and energy storage design, installation, and commissioning. Aligned with the government's net zero goals, it helps upskill engineers for the green energy sector. Training is delivered in classrooms using industry-standard equipment, with hands-on experience in state-of-the-art workshops to build confidence in fault-finding and system requirements.

Duration: 4 Days

Course Space: 8 Trainees

Method of delivery: Trainer led

Who is this for? Qualified, practicing Electricians with a strong knowledge of the current edition of BS 7671 (IET Wiring Regulations); 18th Edition Wiring Regulations (City & Guilds 2382-22) Competent in reading and interpreting electrical diagrams.

Course Subjects Covered:

- Principles of PV Systems
- AC and DC Theory
- PV Cell Types
- Circuit and System Design
- Installation Practices
- Voltage and Current Ratings
- Safely testing equipment and interpret results
- Fault Diagnosis
- Battery Storage Integration
- Working at Height
- Harness Awareness and Manual

Technical Information

Assessment Type: Written and practical assessments.

Prerequisite required: Learners must hold a Level 3 Electrical Qualification as well as a 18th Edition; if you do not hold an 18th edition, we can facilitate this.