



Solar PV Systems Design & Installation: Practical Workshop

Energy, Power & Renewables

QGT-ENR-143 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Solar PV Systems Design & Installation: Practical Workshop is a hands-on workshop built around exercises and real site problems in Solar PV Systems Design & Installation. It covers the principles, the requirements of IEC, ISO 50001, GHG Protocol and IEA guidance, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Solar PV Systems Design & Installation
- Apply the relevant requirements of IEC, ISO 50001, GHG Protocol and IEA guidance
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for power plant staff, energy managers, sustainability teams and engineers who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Solar PV Systems Design & Installation scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
1–5 Feb 2027	Kuala Lumpur	Classroom	5 days	\$5,500
14–25 Mar 2027	Cairo	Classroom	10 days	\$9,900
12–16 Jul 2027	Dubai	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Berlin	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
21–25 Feb 2028	Kigali	Classroom	5 days	\$5,500
3–14 Sep 2028	Algiers	Classroom	10 days	\$9,900
10–14 Sep 2028	Amman	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Milan	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
23–27 Apr 2029	Budapest	Classroom	5 days	\$5,500
22 Jul – 2 Aug 2029	Erbil	Classroom	10 days	\$9,900
5–9 Aug 2029	Salalah	Classroom	5 days	\$5,500
13–24 Aug 2029	Kuala Lumpur	Classroom	10 days	\$9,900
5–9 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
22–26 Jul 2030	Lisbon	Classroom	5 days	\$5,500
2–13 Sep 2030	Casablanca	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Singapore	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Cape Town	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/solar-pv-systems-design-and-installation-practical-workshop>

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