



Grid Integration of Renewables

Energy, Power & Renewables

QGT-ENR-117 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Grid Integration of Renewables is an introduction that builds a solid working knowledge in Grid Integration of Renewables. 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 Grid Integration of Renewables
- 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Grid Integration of Renewables fits into daily operations

Day 2: Codes, standards and requirements

What IEC, ISO 50001, GHG Protocol and IEA guidance require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
17–21 Jan 2027	Riyadh	Classroom	5 days	\$5,500
1–12 Mar 2027	Geneva	Classroom	10 days	\$9,900
5–9 Jul 2027	Frankfurt	Classroom	5 days	\$5,500
13–24 Sep 2027	Casablanca	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
25–29 Jun 2028	Algiers	Classroom	5 days	\$5,500
17–28 Jul 2028	Copenhagen	Classroom	10 days	\$9,900
7–11 Aug 2028	Baku	Classroom	5 days	\$5,500
4–15 Sep 2028	Athens	Classroom	10 days	\$9,900
11–15 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
2–6 Apr 2029	Sharjah	Classroom	5 days	\$5,500
9–20 Apr 2029	Beirut	Classroom	10 days	\$9,900
13–17 Aug 2029	Athens	Classroom	5 days	\$5,500
8–19 Oct 2029	Berlin	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Apr 2030	Amman	Classroom	5 days	\$5,500
5–16 May 2030	Erbil	Classroom	10 days	\$9,900
30 Jun – 4 Jul 2030	Algiers	Classroom	5 days	\$5,500
16–27 Sep 2030	Nairobi	Classroom	10 days	\$9,900
21–25 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/grid-integration-of-renewables/>

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