



Combined Cycle Power Plants

Energy, Power & Renewables

QGT-ENR-102 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Combined Cycle Power Plants is an introduction that builds a solid working knowledge in Combined Cycle Power Plants. 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 Combined Cycle Power Plants
- 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 Combined Cycle Power Plants 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
28 Jun – 2 Jul 2027	Vienna	Classroom	5 days	\$5,500
5–16 Sep 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
3–7 Oct 2027	Muscat	Classroom	5 days	\$5,500
7–18 Nov 2027	Doha	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	Zurich	Classroom	5 days	\$5,500
6–17 Feb 2028	Alexandria	Classroom	10 days	\$9,900
28 Aug – 1 Sep 2028	Singapore	Classroom	5 days	\$5,500
18–29 Sep 2028	Abu Dhabi	Classroom	10 days	\$9,900
30 Oct – 3 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
21–25 May 2029	Geneva	Classroom	5 days	\$5,500
10–21 Sep 2029	Madrid	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Berlin	Classroom	5 days	\$5,500
19–30 Nov 2029	Vienna	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Mar 2030	Algiers	Classroom	5 days	\$5,500
1–12 Jul 2030	Frankfurt	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Budapest	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	London	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/combined-cycle-power-plants/>

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