



Battery Energy Storage Systems (BESS): Practical Workshop

Energy, Power & Renewables

QGT-ENR-147 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Battery Energy Storage Systems (BESS): Practical Workshop is a hands-on workshop built around exercises and real site problems in Battery Energy Storage Systems (BESS). 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 Battery Energy Storage Systems (BESS)
- 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 Battery Energy Storage Systems (BESS) 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
18–22 Jan 2027	Baku	Classroom	5 days	\$5,500
24 Jan – 4 Feb 2027	Cairo	Classroom	10 days	\$9,900
8–12 Feb 2027	Johannesburg	Classroom	5 days	\$5,500
17–28 May 2027	Bangkok	Classroom	10 days	\$9,900
13–17 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Apr 2028	Athens	Classroom	5 days	\$5,500
24 Apr – 5 May 2028	Cape Town	Classroom	10 days	\$9,900
7–11 Aug 2028	Prague	Classroom	5 days	\$5,500
21 Aug – 1 Sep 2028	Berlin	Classroom	10 days	\$9,900
23–27 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Edinburgh	Classroom	5 days	\$5,500
5–16 Mar 2029	Paris	Classroom	10 days	\$9,900
20–24 May 2029	Muscat	Classroom	5 days	\$5,500
16–27 Jul 2029	Budapest	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
6–10 Jan 2030	Alexandria	Classroom	5 days	\$5,500
13–24 Jan 2030	Kuwait City	Classroom	10 days	\$9,900
11–15 Feb 2030	Athens	Classroom	5 days	\$5,500
29 Sep – 10 Oct 2030	Amman	Classroom	10 days	\$9,900
7–11 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/battery-energy-storage-systems-bess-practical-workshop/>

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