



Battery Energy Storage Systems (BESS) Masterclass

Energy, Power & Renewables

QGT-ENR-167 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Battery Energy Storage Systems (BESS) Masterclass is a senior-level masterclass on strategy and performance 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
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for power plant staff, energy managers, sustainability teams and engineers in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Battery Energy Storage Systems (BESS)

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
10–14 Jan 2027	Alexandria	Classroom	5 days	\$5,500
18–29 Apr 2027	Algiers	Classroom	10 days	\$9,900
24–28 May 2027	Lisbon	Classroom	5 days	\$5,500
27 Sep – 8 Oct 2027	Johannesburg	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Jan 2028	Cape Town	Classroom	5 days	\$5,500
24 Jan – 4 Feb 2028	Abu Dhabi	Classroom	10 days	\$9,900
6–10 Mar 2028	Johannesburg	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2028	Sharm El Sheikh	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Munich	Classroom	5 days	\$5,500
3–14 Jun 2029	Dammam	Classroom	10 days	\$9,900
25–29 Jun 2029	Paris	Classroom	5 days	\$5,500
2–13 Jul 2029	Singapore	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
25 Feb – 1 Mar 2030	Johannesburg	Classroom	5 days	\$5,500
31 Mar – 11 Apr 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
17–21 Jun 2030	Athens	Classroom	5 days	\$5,500
16–27 Sep 2030	Kuala Lumpur	Classroom	10 days	\$9,900
18–22 Nov 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-masterclass/>

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