Garnet
Garnet Global Training Center

GGT-ES-127

Energy Transition, Sustainability & ESG

Battery Energy Storage Systems

أنظمة تخزين الطاقة بالبطاريات

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Battery Energy Storage Systems turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Measure emissions, report credibly and plan the shift to cleaner energy and operations. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Battery Energy Storage Systems to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

Who should attend

Sustainability, energy, environment and strategy teams, engineers and reporting leads. Practitioners with one to five years of experience benefit most.

Key topics

- Emissions scopes and inventories
- Reporting frameworks: ISSB, GRI
- Energy efficiency measures
- Low-carbon technologies
- Climate risk and finance
- Net zero roadmaps

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Battery Energy Storage Systems: principles and standards

- Net zero roadmaps
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Emissions scopes and inventories
- Reporting frameworks: ISSB, GRI

Day 3 Diagnosis and problem solving

- Energy efficiency measures
- Regional and international case studies

Day 4 Quality, safety and documentation

- Low-carbon technologies
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Climate risk and finance
- Group discussion and peer review

10-day outline

Day 1 Battery Energy Storage Systems: principles and standards

- Net zero roadmaps
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Emissions scopes and inventories
- Reporting frameworks: ISSB, GRI

Day 3 Diagnosis and problem solving

- Energy efficiency measures
- Regional and international case studies

Day 4 Quality, safety and documentation

- Low-carbon technologies
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Climate risk and finance
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Hands-on workshop on a workplace challenge

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
3–7 May 2027	5-day classroom	Singapore	English	4,750
19–23 Jul 2027	5-day classroom	Kuala Lumpur	English	4,750
18–22 Oct 2027	5-day online	Live online	Arabic	2,950
1–12 Nov 2027	10-day classroom	Amsterdam	English	8,950
13–17 Feb 2028	5-day classroom	Doha	English	4,750
13–17 Mar 2028	5-day classroom	Dubai	Arabic	4,750
15–26 May 2028	10-day online	Live online	Arabic	5,450
4–15 Dec 2028	10-day classroom	Singapore	English	8,950
18–22 Mar 2029	5-day classroom	Amman	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
1–12 Apr 2029	10-day classroom	Riyadh	Arabic	8,950
21–25 May 2029	5-day online	Live online	Arabic	2,950
12–16 Nov 2029	5-day classroom	Vienna	English	4,750
10–14 Mar 2030	5-day classroom	Cairo	English	4,750
14–25 Jul 2030	10-day classroom	Amman	Arabic	8,950
4–15 Nov 2030	10-day online	Live online	Arabic	5,450
1–5 Dec 2030	5-day classroom	Doha	Arabic	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/