Garnet
Garnet Global Training Center

GGT-ES-104

Energy Transition, Sustainability & ESG

Solar PV Systems Design & O&M

تصميم وتشغيل وصيانة أنظمة الطاقة الشمسية

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

Overview

Solar PV Systems Design & O&M focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Measure emissions, report credibly and plan the shift to cleaner energy and operations. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Solar PV Systems Design & O&M to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Solar PV Systems Design & O&M: principles and standards

- Net zero roadmaps
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

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

Day 3 Diagnosis and problem solving

- Energy efficiency measures
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Low-carbon technologies
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Climate risk and finance
- Checklists and templates to take away

10-day outline

Day 1 Solar PV Systems Design & O&M: principles and standards

- Net zero roadmaps
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

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

Day 3 Diagnosis and problem solving

- Energy efficiency measures
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Low-carbon technologies
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Climate risk and finance
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
12–16 Apr 2027	5-day online	Live online	Arabic	2,950
11–22 Jul 2027	10-day classroom	Cairo	Arabic	8,950
8–12 Aug 2027	5-day classroom	Amman	Arabic	4,750
20–24 Dec 2027	5-day classroom	Istanbul	English	4,750
17–21 Jan 2028	5-day classroom	Vienna	English	4,750
21 Aug – 1 Sep 2028	10-day classroom	Amsterdam	English	8,950
18–29 Sep 2028	10-day online	Live online	English	5,450
11–15 Dec 2028	5-day classroom	London	English	4,750
7–11 May 2029	5-day classroom	Abu Dhabi	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
9–13 Jul 2029	5-day online	Live online	Arabic	2,950
16–20 Sep 2029	5-day classroom	Cairo	English	4,750
18–29 Nov 2029	10-day classroom	Manama	English	8,950
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
4–15 Mar 2030	10-day classroom	Abu Dhabi	Arabic	8,950
21–25 Apr 2030	5-day classroom	Amman	English	4,750
15–19 Jul 2030	5-day classroom	Barcelona	English	4,750

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