Garnet
Garnet Global Training Center

GGT-PG-128

Power Generation & Utilities

Electricity Distribution O&M

تشغيل وصيانة شبكات توزيع الكهرباء

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

Overview

Electricity Distribution O&M turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Operation and maintenance of power plants, grids and utility services. 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 Electricity Distribution O&M to real tasks.
- Diagnose common problems and identify root causes.
- 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.

Who should attend

Power plant engineers, operators, utility planners and grid specialists. Practitioners with one to five years of experience benefit most.

Key topics

- Thermodynamics and plant performance
- Boilers, turbines and generators
- Grid operation and dispatch
- Reliability and outage planning
- Emissions and environmental compliance
- Plant case studies

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 Electricity Distribution O&M: principles and standards
- Grid operation and dispatch
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Reliability and outage planning
- Emissions and environmental compliance

Day 3 Diagnosis and problem solving
- Plant case studies
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Thermodynamics and plant performance
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Boilers, turbines and generators
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Electricity Distribution O&M: principles and standards
- Grid operation and dispatch
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Reliability and outage planning
- Emissions and environmental compliance

Day 3 Diagnosis and problem solving
- Plant case studies
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Thermodynamics and plant performance
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Boilers, turbines and generators
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
5–9 Apr 2027	5-day online	Live online	Arabic	2,950
19–23 Sep 2027	5-day classroom	Riyadh	Arabic	4,750
21–25 Nov 2027	5-day classroom	Manama	Arabic	4,750
19–30 Dec 2027	10-day classroom	Doha	English	8,950
21 Feb – 3 Mar 2028	10-day online	Live online	English	5,450
17–28 Apr 2028	10-day classroom	Dubai	English	8,950
21–25 May 2028	5-day classroom	Doha	English	4,750
4–8 Sep 2028	5-day classroom	Paris	English	4,750
3–14 Jun 2029	10-day classroom	Kuwait City	English	8,950

Dates	Format	City	Language	Fee (USD)
20–24 Aug 2029	5-day online	Live online	Arabic	2,950
9–13 Sep 2029	5-day classroom	Muscat	Arabic	4,750
12–16 Nov 2029	5-day classroom	Dubai	English	4,750
21 Jan – 1 Feb 2030	10-day online	Live online	English	5,450
10–14 Mar 2030	5-day classroom	Cairo	English	4,750
20–31 May 2030	10-day classroom	Abu Dhabi	English	8,950
17–21 Nov 2030	5-day classroom	Kuwait City	Arabic	4,750

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