Garnet
Garnet Global Training Center

GGT-PG-117

Power Generation & Utilities

Electricity Markets & Trading

أسواق الكهرباء وتداولها

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

Overview

Participants in Electricity Markets & Trading practise the methods, tools and standards they need to perform reliably and solve problems on the job. Operation and maintenance of power plants, grids and utility services. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Electricity Markets & Trading 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

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 Markets & Trading: principles and standards

- Reliability and outage planning
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Emissions and environmental compliance
- Plant case studies

Day 3 Diagnosis and problem solving

- Thermodynamics and plant performance
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Boilers, turbines and generators
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Grid operation and dispatch
- Checklists and templates to take away

10-day outline

Day 1 Electricity Markets & Trading: principles and standards

- Reliability and outage planning
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Emissions and environmental compliance
- Plant case studies

Day 3 Diagnosis and problem solving

- Thermodynamics and plant performance
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Boilers, turbines and generators
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Grid operation and dispatch
- 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)
18–22 Jan 2027	5-day online	Live online	Arabic	2,950
13–17 Jun 2027	5-day classroom	Jeddah	Arabic	4,750
12–23 Sep 2027	10-day classroom	Muscat	Arabic	8,950
18–22 Oct 2027	5-day classroom	Dubai	English	4,750
9–13 Jan 2028	5-day classroom	Amman	Arabic	4,750
9–20 Apr 2028	10-day classroom	Cairo	English	8,950
17–28 Jul 2028	10-day online	Live online	English	5,450
6–10 Nov 2028	5-day classroom	London	English	4,750
12–16 Feb 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
18–29 Jun 2029	10-day classroom	Singapore	English	8,950
19–23 Aug 2029	5-day classroom	Riyadh	Arabic	4,750
17–21 Sep 2029	5-day classroom	Abu Dhabi	Arabic	4,750
18 Feb – 1 Mar 2030	10-day classroom	London	English	8,950
7–11 Apr 2030	5-day classroom	Cairo	English	4,750
11–15 Aug 2030	5-day classroom	Kuwait City	English	4,750
4–15 Nov 2030	10-day online	Live online	Arabic	5,450

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