Garnet
Garnet Global Training Center

GGT-PG-127

Power Generation & Utilities

Demand Side Management

إدارة الطلب على الكهرباء

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

Overview

This program treats Demand Side Management as a managed system: policies, roles, resources, performance indicators and continual improvement. 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

- Set up and run Demand Side Management as a managed process with clear roles.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.

Who should attend

Power plant engineers, operators, utility planners and grid specialists. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Demand Side Management: the management framework

- Reliability and outage planning
- Group discussion and peer review

Day 2 Planning, resources and budgets

- Emissions and environmental compliance
- Plant case studies

Day 3 Performance measurement and control

- Thermodynamics and plant performance
- Measurement and reporting

Day 4 Risk, compliance and improvement

- Boilers, turbines and generators
- Hands-on workshop on a workplace challenge

Day 5 Management case study and action plan

- Grid operation and dispatch
- Common mistakes and how to avoid them

10-day outline

Day 1 Demand Side Management: the management framework

- Reliability and outage planning
- Group discussion and peer review

Day 2 Planning, resources and budgets

- Emissions and environmental compliance
- Plant case studies

Day 3 Performance measurement and control

- Thermodynamics and plant performance
- Measurement and reporting

Day 4 Risk, compliance and improvement

- Boilers, turbines and generators
- Hands-on workshop on a workplace challenge

Day 5 Management case study and action plan

- Grid operation and dispatch
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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)
4–8 Jan 2027	5-day online	Live online	Arabic	2,950
7–11 Mar 2027	5-day classroom	Riyadh	Arabic	4,750
16–27 May 2027	10-day classroom	Amman	English	8,950
1–5 Aug 2027	5-day classroom	Cairo	Arabic	4,750
16–20 Jan 2028	5-day classroom	Doha	English	4,750
6–10 Feb 2028	5-day classroom	Muscat	Arabic	4,750
1–12 May 2028	10-day classroom	London	English	8,950
4–15 Dec 2028	10-day online	Live online	English	5,450
1–5 Jan 2029	5-day classroom	Geneva	English	4,750

Dates	Format	City	Language	Fee (USD)
19–30 Mar 2029	10-day classroom	London	English	8,950
7–11 May 2029	5-day classroom	Abu Dhabi	Arabic	4,750
16–20 Jul 2029	5-day online	Live online	Arabic	2,950
21–25 Jan 2030	5-day classroom	Vienna	English	4,750
18 Feb – 1 Mar 2030	10-day classroom	Dubai	Arabic	8,950
21–25 Oct 2030	5-day classroom	Abu Dhabi	Arabic	4,750
11–22 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/