Liquefied Natural Gas LNG Trading Training

18 - 20 May 2025
Manama (Bahrain)

Istanbul - Turkey: +90 539 599 12 06
Amman - Jordan: +962 785 666 966
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Liquefied Natural Gas LNG Trading Training

Ref.: 15135_282846 **Date:** 18 - 20 May 2025 **Location:** Manama (Bahrain) **Fees:** 5500 **Euro**

Introduction:

In this comprehensive Liquefied Natural Gas LNG Trading Training course, designed to provide a thorough understanding of the dynamic world of LNG trading. This course offers an in-depth exploration of liquefied natural gas, focusing on the fundamentals and advanced concepts essential for success in the industry. Whether you are new to the field or looking to enhance your existing knowledge, our LNG training is structured to meet your needs.

Liquefied natural gas LNG plays a critical role in the global energy market, serving as a cleaner and more efficient alternative to other fossil fuels. Our LNG trading course delves into the core aspects of LNG trading, from its basic principles to advanced strategies. You will learn what LNG trading entails, including the meaning and significance of LNG trading, and how it operates within the broader context of the energy sector.

Throughout this LNG trading training, we will cover essential topics such as LNG marketing and trading, the fundamentals of LNG liquefied natural gas, and the various factors influencing LNG trading. Our expert instructors will guide you through the intricacies of LNG trading basics, ensuring you gain a robust understanding of the market dynamics, pricing mechanisms, and contractual frameworks that underpin successful LNG trading operations.

By enrolling in this course, you will gain the skills and knowledge necessary to navigate the complexities of the LNG market. You will be equipped to make informed decisions, manage risks effectively, and capitalize on opportunities within the LNG trading landscape. Join us to unlock the potential of LNG trading and take your career to new heights with our specialized liquefied natural gas LNG training program.

Targeted Groups:

- Energy sector professionals.
- LNG trading analysts.
- Commodity traders.
- Risk management specialists.
- Energy market consultants.
- Financial analysts in the energy sector.
- Oil and gas industry executives.
- Energy procurement managers.
- Investment bankers focusing on energy.
- Government and regulatory agency personnel.
- New entrants to LNG trading.
- Market strategy developers in energy companies.

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Course Objectives:

At the end of this liquefied natural gas LNG trading course, the participants will be able to:

- Understand the fundamentals of liquefied natural gas LNG.
- Learn LNG trading basics and principles.
- Explore the meaning and significance of LNG trading.
- Gain insights into LNG marketing and trading strategies.
- Master the dynamics of liquefied natural gas trading.
- Analyze key factors influencing LNG liquefied natural gas markets.
- Develop skills to navigate the LNG trading landscape.
- Understand what LNG trading entails within the energy sector.
- Learn to manage risks in LNG trading operations.
- Apply knowledge from the LNG trading course to real-world scenarios.

Targeted Competencies:

At the end of this liquefied natural gas LNG trading training, the targeted competencies will be able to:

- Proficiency in liquefied natural gas LNG fundamentals.
- Expertise in LNG trading basics.
- Understand the meaning of LNG trading.
- Skills in LNG marketing and trading.
- Ability to explain what LNG trading is.
- Knowledge of liquefied natural gas trading dynamics.
- Competence in LNG trading risk management.
- Insight into LNG liquefied natural gas market analysis.
- Apply strategies learned in the LNG trading course.
- Capability to navigate the LNG trading landscape.

Course Content:

Unit 1: AN OVERVIEW OF LIQUEFIED NATURAL GAS LNG:

- What is LNG and where does it come from?
- How does LNG differ from Natural Gas?
- How is Natural Gas stored?
- What are the applications of LNG?
- Why is LNG used more and more?
- Is LNG flammable and Explosive?
- What is the Liquefaction Process?
- What is the Regasification Process?

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Unit 2: HOW IS LNG PRODUCED?

- What are the chemical properties and components of LNG?
- What are the various steps involved in the LNG Production Process?
- How LNG is stored and why is it kept in a cryogenic state?
- What is the process involved in shipping LNG by ship?
- To what extent liquefaction processes can be designed to purify LNG?
- What are the particulars of LNG storage tanks?
- Why do LNG Modern Plants have on-site more than one processing plant, called Trains?
- Which country has the largest Trains in the world?
- What is the regasification process and its necessity?

Unit 3: LNG SHIPPING:

- What is LNG and LNG Shipping?
- What is the significance of Transportation Costs in the LNG Value Chain?
- What are the LNG Shipping Demand fundamentals?
- What is the proposed Demand /Supply Model?
- What are the types of Tanker Technologies used in LNG Shipping?
- What are the existing rules and regulations about LNG Carriers?
- What are the main Containment Systems in LNG Shipping?
- What are the different capacities of the vessels?
- How can LNG Trading and Chartering create flexible sourcing and delivery solutions for regasification projects?

Unit 4: WHAT IS THE CONCEPT OF FLOATING PRODUCTION PLATFORMS & REGASIFICATION PLATFORMS?

- What is the concept of Floating LNG Projects?
- Is the above concept currently used in LNG Trade?
- What is the methodology in which FLNG is successfully implemented?
- Is FLNG going to be a substitute for OnShore Facilities?
- Is FLNG potentially going to reduce future project developmental costs?
- Will FLNG enable lower entry barriers for new players into the LNG Trade?
- What is the concept of Floating Regasification FSRU?
- What are the advantages of using FSRU Technology?
- How can FSRU assist small-time delivery operating service providers?
- How can FSRU assist direct to market operations?
- What is Floating Liquefaction Storage and Offloading FLSO?
- Summary depicting the Six Project Phases for a Green Field Power Plant with Carbon.
- Capture will be provided as a template for future use.

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Unit 5: PRICING AND RISK MANAGEMENT IN THE LNG MARKET:

- What are the important steps while evolving the LNG Supply Chain?
- How long term contracts are negotiated in LNG Trading?
- What are the unique features of the "Sale and Purchase Agreement" SPA What are Spot Contracts?
- What are the different ways to price LNG cargo?
- What is Oil Parity /Broken Parity pricing?
- What is the relevance of introducing a diversion clause?
- Why are more advanced contracts made for multiple destinations?
- How credit risk is handled in LNG Trading?
- What is and how Trading Strategy can be evolved?

Unit 6: LEGAL STRUCTURE & COMMERCIAL ISSUES FOR LNG EXPORT PROJECTS:

- What are the common Project Structures in an LNG Export Project?
- What are the advantages and risks associated with the Integrated Upstream Model?
- What are the benefits and risks of the Merchant Model?
- What are the advantages of the Tolling Model and associated risks?
- What are the common issues associated with the export of LNG Projects?
- What are the regulatory requirements to be complied with?
- What are the Policies and Procedures to be adhered to?
- What are the factors the stakeholders should consider such as Risk/Reward How damages are covered in the LNG Contracts?
- What are the circumstances wherein the Purchaser has to compensate the Seller?
- What are the circumstances in which Termination Rights and Force Majeure can be implemented in LNG Contracts?

Unit 7: EMERGENCE OF SMALL SCALE LNG SSLNG

- What are the reasons for the emergence of SSLNG?
- What is the prevailing installed production capacity of SSLNG?
- What are the capacities of SSLNG Carriers?
- What is the Value Chain configuration of SSLNG?
- Operations? What are the Key Drivers of SSLNG?
- What are the perceived advantages and disadvantages of SSLNG?
- What are the important parameters for sustaining SSLNG downstream as a viable and cost-effective infrastructure?

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Unit 8: EVOLVING MARKET DYNAMICS OF GLOBAL LNG:

- What is the present state of the Global LNG Industry?
- What are the impediments to the future growth of LNG Exports?
- Is Partial Migration away from Oil -Oil-linked price of LNG to more spot or hub-based pricing feasible?
- What is the expected LNG Demand Growth Consensus?
- Why Does the USA Consider LNG Exports as a Political Risk?
- What is the present status of LNG shipbuilding, including LNG carriers, FSRUs, and fuelling and storage barges?
- Who is buying the vessels and who is building them?
- What is the current state of the market in terms of the construction of port and docking facilities to facilitate LNG supply to vessels and haulers?
- What is the present state of the bunkering sector?
- Who are the main players and what are the main regional and global trends?
- How are emissions and clean air legislation driving the use of LNG as a transport fuel?
- What are the implications of shipping and logistics developments on the global gas market and how will LNG prices affect shipbuilding and freight costs?

Unit 9: WHY IS SUPPLY CHAIN MANAGEMENT IMPORTANT TO LNG PROJECTS?

- What are the reasons why good Supply Chain Management is important to any Energy Industry?
- What are the challenges in the Upstream Supply Chain which have to be effectively and efficiently carried out?
- What are how concepts such as FLNG can enhance operational efficiency and reduce cost?
- What are the ways to improve LNG Supply Chain Management?

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Registration form on the :
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