



Oil, Gas and Chemical

# International Gas Markets and Trading

## Course Introduction

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The international gas markets are highly complex, shaped by a mix of geopolitical, economic, regulatory, and environmental factors. Gas trading is influenced by fluctuating prices, supply and demand dynamics, and infrastructure limitations, making it a volatile and unpredictable sector.

Understanding the intricacies of global gas supply chains, contracts, pricing mechanisms, and risk management strategies is essential for those involved in gas trading and market operations.

**This 5-day training program** delves into the critical components of international gas markets and trading, offering participants an in-depth understanding of how global gas markets function and how to navigate the trading environment. The course covers key topics such as market structures, trading strategies, pricing models, contract negotiation, and risk management, all while using case studies and interactive exercises to enhance practical knowledge

## Target Audience

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## Learning Objectives

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- Understand the structure and dynamics of international gas markets.
- Gain insights into the key drivers of gas pricing and trading.
- Learn about various trading strategies and tools used in the gas market.

- Develop skills to negotiate gas contracts and manage associated risks.
- Explore the future trends and challenges in global gas markets

## Course Outline

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### • DAY 01

#### **Global Gas market Dynamics**

- Overview of global gas supply and demand
- Key players in the international gas market
- Impact of geopolitical factors on gas markets
- The role of liquefied natural gas (LNG) in global gas supply
- Gas market liberalization and regulatory frameworks
- Infrastructure: Pipelines, terminals, and storage facilities
- Emerging markets and regional gas hubs

### • Day 02

#### **Gas Pricing and Trading Mechanisms**

- Key gas pricing models (oil-indexation vs. hub-based pricing)
- Role of major gas trading hubs (e.g., Henry Hub, TTF)
- Spot vs. long-term gas contracts
- Impact of market volatility on gas prices
- Understanding forward curves in gas trading
- Role of currency and commodity exchange rates in gas pricing
- The role of market liquidity in gas pricing

### • Day 03

#### **Gas contracts and Negotiating**

- Types of gas supply agreements (long-term vs. short-term contracts)
- LNG contracts and their unique characteristics
- Negotiating contract terms: Pricing, volume, and delivery conditions
- Take-or-pay clauses and other key contract provisions
- Force majeure and dispute resolution mechanisms

- Legal and regulatory considerations in gas contracts
- Case studies of successful contract negotiations
- **Day 04**

### **Risk management in gas trading**

- Types of risks in gas trading: Market, credit, and operational risks
- Hedging strategies using futures, options, and swaps
- Risk management tools and platforms
- Understanding margin requirements in gas trading
- Regulatory frameworks for risk management in gas markets
- Managing price volatility and uncertainty in gas trading
- Case studies on effective risk mitigation strategies
- **Day 05**

### **Future Trends and Innovations in Gas Markets**

- Impact of energy transition on global gas demand
- Role of renewable energy and hydrogen in gas market evolution
- Decarbonization initiatives and their effect on gas trading
- Digitalization and data analytics in gas markets
- Technological advancements in gas production and trading
- Regulatory shifts towards sustainability in the gas industry
- Future challenges and opportunities in global gas markets

## **Confirmed Sessions**

FROM	TO	DURATION	FEES	LOCATION
July 14, 2025	July 18, 2025	5 days	4250.00 \$	UAE - Abu Dhabi
Oct. 27, 2025	Oct. 31, 2025	5 days	4250.00 \$	UAE - Dubai

