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# Liquefied Petroleum Gas Market Dynamics Training Course

28 February – 4 March 2027
Online

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**Ref:** 2811_107774 **Date:** 28 February – 4 March 2027 **Location:** Online **Fees:** 2900 GBP

Liquefied Petroleum Gas Market Dynamics is a 1-week training course for commercial, planning and marketing staff in propane and butane supply businesses who read supply, demand, trade and price signals, and who build a regional market outlook. Shifting gas processing output, petrochemical feedstock switching and long-haul shipping routes now move margins within weeks. Jupiter Prime Training sets liquefied petroleum gas market dynamics within that wider commercial and energy transition picture.

## Why Liquefied Petroleum Gas Market Dynamics Matters Now

Three forces shape the market today. Growing associated gas and processing capacity in exporting regions lifts supply regardless of local demand; cracker operators switch between propane, butane and naphtha as relative prices move; and household and autogas buyers respond to seasons, subsidies and fuel competition. A supplier that reads these signals together times cargoes, storage and contract volumes well. One that relies on last year's pattern sells into weak months, buys into peaks and misjudges how far a price spread can widen before buyers switch feedstock.

## Who Gains Most from Liquefied Petroleum Gas Market Dynamics

- Staff responsible for annual and monthly supply and demand balances by product
- Staff responsible for term contract volumes, spot cargo offers and buyer relationships
- Staff responsible for tracking published price references, freight and spreads
- Staff responsible for retail, autogas and industrial marketing plans
- Staff responsible for presenting market views to commercial leadership

A commercial department that sends its planners, marketers and price analysts together gains most.

## Liquefied Petroleum Gas Market Dynamics Capabilities

Participants connect each source of propane and butane to the buyers who absorb it, and test how prices move when either side shifts.

- Build a supply stack from gas processing, refinery and import sources — volume planning decisions
- Assess demand by sector, including residential, petrochemical, autogas and industrial use — marketing priorities
- Calculate feedstock switching points between propane, butane and naphtha — petrochemical buyer forecasts
- Apply netback and freight spread analysis to trade flows — cargo destination choices
- Weigh seasonal stock build and draw patterns — term contract and storage timing
- Communicate a regional market outlook with scenarios — commercial leadership

## Key Liquefied Petroleum Gas Market Dynamics Terms

- Natural gas liquids — heavier hydrocarbons recovered at gas processing plants, including ethane, propane, butane and natural gasoline.
- Feedstock switching — moving a steam cracker between propane, butane and naphtha as their relative prices change.
- Contract price reference — a published monthly price used to settle term propane and butane sales.
- Netback — the value a seller receives after subtracting freight, insurance and handling from the delivered price.
- Autogas — liquefied petroleum gas used as road vehicle fuel in adapted engines.
- Stock draw — the seasonal fall in inventory when consumption exceeds production and imports.

## Liquefied Petroleum Gas Market Dynamics Day by Day

### Day 1: The Market Structure and Its Forces

- Propane and Butane Properties and Grades — Product Fit for Each Buyer
- Global Supply Sources by Origin — Gas Processing Versus Refinery Output
- Major Importing and Exporting Regions — Shape of Long-Haul Trade
- Energy Transition Pressures on Household Fuels — Long-Term Demand Direction
- Market Participants and Their Roles — Producers, Traders, Distributors and Crackers

### Day 2: Supply Side Analysis

- Associated Gas and Processing Plant Recovery Rates — Supply Growth Estimates
- Refinery Output Shifts with Run Rates — Butane Availability Changes
- Export Terminal Capacity and Outages — Cargo Availability Windows
- Supply Stack Construction by Source — Regional Volume Balance
- Very Large Gas Carrier Fleet and Freight — Delivered Cost to Each Market

### Day 3: Demand Sectors and Seasonality

- Residential and Commercial Heating and Cooking Demand — Weather Sensitivity
- Petrochemical Cracker and Dehydrogenation Demand — Feedstock Switching Points
- Autogas Uptake and Fuel Price Competition — Transport Demand Trend
- Industrial and Agricultural Uses — Small but Steady Volume Base
- Seasonal Stock Build and Draw Curves — Contract and Storage Timing

### Day 4: Pricing and Trade Flows

- Monthly Contract Price References — Term Sale Settlement Basis
- Propane to Naphtha and Crude Ratios — Relative Value Signals
- East to West Arbitrage and Netback Calculation — Cargo Destination Choice
- Term Versus Spot Contract Structures — Volume Security and Price Exposure
- Price Risk Hedging with Swaps — Margin Protection for Sellers and Buyers

## Day 5: Practising the Regional Market Outlook

- Regional Supply Stack Using Day 2 Methods — Volume Baseline
- Demand Forecast by Sector from Day 3 Profiles — Monthly Profile
- Price Scenario Set Using Day 4 Ratios — High and Low Cases
- Trade Flow Implications for the Region — Import or Export Position
- Regional Market Outlook — Final Draft for Commercial Leadership

## Applying Liquefied Petroleum Gas Market Dynamics After the Course

- Rebuild the supply and demand balance for one market for the coming season and flag months where stock draw exceeds storage cover.
- Track propane to naphtha ratios for a quarter and brief the sales team on likely cracker feedstock switching.

## Liquefied Petroleum Gas Market Dynamics Questions FAQ

### What are liquefied petroleum gas market dynamics and why do they matter now?

They are the interactions of propane and butane supply, demand, trade and price. They matter now because new export supply, feedstock switching and shipping costs move margins quickly.

### Which roles gain most from liquefied petroleum gas market dynamics training?

Supply planners, term and spot sales staff, price analysts and marketing planners in propane and butane businesses gain most.

### How does liquefied petroleum gas market dynamics differ from a distribution or storage course?

It looks at market forces rather than physical handling. Distribution and storage courses cover depots, cylinders, tankers and safety; this course covers supply stacks, demand sectors, price references and trade flows.

### What do you bring back from liquefied petroleum gas market dynamics training?

You bring back a drafted outlook for one region, with a supply stack, sector demand forecast, price scenarios and the trade position they imply.

## Liquefied Petroleum Gas Market Dynamics: The Way Forward

The regional market outlook first informs next season's term contract volumes and the timing of spot cargo offers or purchases. Commercial planners, marketers and leadership use it to agree one view of supply and price. After its first season, revisit the feedstock switching assumptions, since cracker economics and new export capacity change the balance fastest.