

Petrochemical Price Forecasting Techniques Workshop

Dates: March 1 & 2; Start time: 7:30 am CST; End time: 11:00 am CST

Workshop Overview

Gain an overall understanding on petrochemical price definition and forecasting techniques, production cost analysis and inherent margin analysis to build your confidence in forecasting for the short, medium and long term. Explore the underlying energy and feedstock values, both variable and fixed costs and other production cost models. Discover the impact on inherent margin analysis on supply/demand balances, operating rates with recent market development and return on investment. Be equipped with price forecasting techniques on costing, diagnostic checks, regional relationships and arbitrage and price netbacks.

Workshop contents

Introduction to price definitions & forecasting techniques

- Short-term
- Medium-term
- Long-term

Production cost analysis

- Underlying energy and feedstock values
- Feedstock, variable, fixed costs, and co-product credits
- Alternative values
- Production cost models
 - Case Study #1a: Cash Cost of Methanol Production in China
 - Case Study #1b: Estimating Historical ROIs for Methanol Plant in China
- Cost curves

Inherent margin analysis

- Supply/demand balances
 - Case Study # 3a: Demand forecast for 2018
- Impact of operating rates
- Market momentum & psychology
 - Case Study # 3b: Global methanol supply-demand-trade flow-operating rates planning
- Return on investment
 - Case Study # 3c: Forecast long term ROI
- Scenarios & risk analysis in forecast (approaches and practice)

Price forecasting techniques

- Cost plus margin
- Diagnostic checks
- Regional relationships and arbitrage
 - Case Study # 4: Forecasting methanol long term prices