



Energy Markets

This interactive course focuses on the major political, technical, and economic factors that move oil, gas, and electricity markets and how these sectors are interrelated. The influence on energy markets of recent developments in OPEC, Petrodollar movements, and Russia's rise as an energy powerhouse will be evaluated. Additionally, how major market players, such as oil companies, banks and hedge funds, move energy prices and how that impacts capital, foreign exchange, and commodity markets and financial institutions will also be analyzed. The use of energy derivatives and the increasing role of regulators in energy markets will be discussed. Case studies will include BP, Amaranth, and Enron. Additionally, recent articles highlighting trends in energy markets will supplement this course.

Targeted Audience

Investment bankers, equity and credit analysis, junior commodity analysts and traders, along with commodity regulators, auditors, compliance professionals and journalists focused on energy markets and energy derivatives

Special Offer

Clients who register for this course will receive a complimentary 4-month subscription to FT.com. The Financial Times is the world's most respected financial newspaper, providing a broad assessment on finance, business and the industrial sector. The move to the electronic version follows an ongoing review of our environmental responsibilities as a global business and as part of the Pearson group. FT.com also has features that are not available in hard copy, such as: Special Reports, Alphaville, editor blogs, education sections and much more! Subscriptions will start within 6-8 weeks of the start of class and are limited to one subscription per client. (Please note: as of May 1, 2011, the electronic subscription replaces the hard-copy 3-month Financial Times subscription.)

Advance Preparation

No advance preparation required.

Prerequisites

None

Learning Objectives

Students will be able to:

- . Identify key political, technical and economic factors that influence oil and gas sectors and how they are interrelated
- . Evaluate role of OPEC in oil markets
- . Analyze electricity markets and the influence of oil and gas sources, as well as nuclear and coal
- . Compare and contrast roles of key regulators in energy markets
- . Identify key players in energy markets: energy companies, banks, fund managers and hedge funds
- . Compare and contrast different energy derivatives used in global markets

Alumni Comments

"Good introduction to energy markets."

"Mayra is very knowledgeable about this topic and presents that knowledge effectively."

"This is an excellent class with good content and a very good teacher."

Follow-Up Courses

Derivatives in Energy Markets

Level: Basic

CPE Credits: 14.0

Instructional Method: Group-Live

Detailed Outline

Session 1: Influential Factors in Energy Markets

- . Identify the different types of energy markets

- . Evaluate influences on energy prices
- . Evaluate the influence of energy trading on energy prices

Session 2: Market Players

- . Identify key players in energy markets
- . Evaluate the role of: energy companies, government and quasi-governmental entities, banks, hedgers, speculators
- . Recent articles for discussion

Session 3: Oil Sector

- . Define the characteristics of the oil sector and traded markets
- . Debate influence of OPEC and emerging oil nations
- . Describe Petrodollars influence on oil exporting and importing countries and on US capital, FX and commodity markets
- . Identify the key components of the oil sector: reserves, economics of exploration and extraction, refinery economics, financing of oil projects
- . Recent articles for discussion

Session 4: Gas Sector

- . Define the characteristics of the gas sector and traded markets
- . Identify the key components of the gas sector: reserves, production, storability and risks, financing of gas projects
- . Compare and contrast role of regulation of gas and oil sectors

Session 5: Electricity Sector

- . Define the characteristics of the electricity sector and traded markets
- . Identify the key components of the electricity sector: supply source, generation, distribution
- . Evaluate role of regulation in the electricity sector

Session 6: Risk Management in the Energy Sector

- . Define risk
- . Identify steps to risk management
- . Evaluate nature of: credit, market, operations, and legal

risk in energy companies and in companies that trade energy derivatives

Session 7: Energy Trading and Derivatives

- . Define forwards
- . Evaluate mechanics of an energy forward
- . Compare and contrast advantages and disadvantages of commodity forwards
- . Identify energy futures' mechanics
- . Describe how futures are transacted
- . Identify characteristics of NYMEX
- . Compare and contrast forwards and futures
- . Evaluate risks with futures
- . Define an energy swap
- . Identify mechanics of a swap
- . Evaluate how market participants use a swap
- . Compare and contrast advantages and disadvantages of swaps
- . Recent articles for discussion

Session 8: Regulators and Regulatory Issues

- . Define corporate governance
- . Evaluate role of the SEC in the energy sector
- . Debate advantages and challenges to Sarbanes-Oxley's influence on the energy sector

Articles written by Instructor:

http://www.worldoil.com/magazine/magazine_detail.asp?ART_ID=3149

For more information regarding administrative policies such as complaints and refunds, please contact our offices at 212-641-6616.