

ELECTRICITY PRICE FORECASTS - UNDERSTAND, APPLY, OPTIMISE

SEMINAR, 1 DAY

Forecasting electricity prices is a fundamental part of all trading and investment activities in the electricity market. In this seminar you will get an overview of a selection of forecasting methods and insights into pricing mechanisms and price influences. You will learn to apply forecasting methods, interpret and evaluate the forecasts. Based on concrete case studies, the challenges in various application cases will be shown and solutions presented.

Your contents

Basic knowledge of electricity trading and price influences

- How the spot and futures markets work
- The merit order in power pricing
- Different pricing methods: auction and continuous trading

Basics of price forecasting

- Comparison of methods: effort, costs, data basis
- Which method is right for me?
- Forecast or simulation: the small difference
- Comparison between hPFC and "real" forecasting

Price forecasts at the spot market

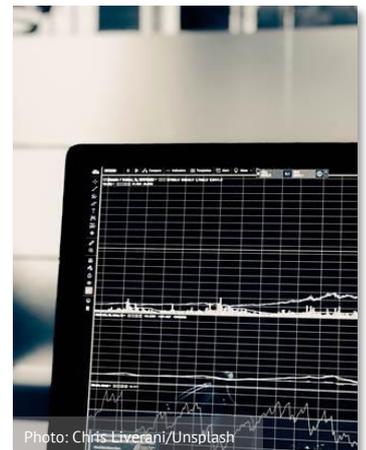
- Day-ahead auction, intraday auction or continuous trading: motivation and available database
- Case study I - power price forecasting using linear regression
- Evaluation of the relevance of different price influences
- What are the limits of these methods?

Forecasts in the futures market

- Introduction to chart-technical analysis
- Technical signals - EMA, Bollinger bands, RSI and Co.
- What are the limits of these methods?

Long-term price forecasts with fundamental models

- How the merit order approach works
- Quality of the input parameters determines the quality of the output parameters
- Case study II - calculation of a fundamental scenario
- What are the limitations of these methods?



TARGET GROUP

- Specialists and executives in the energy industry with interfaces to energy trading, purchasing, procurement, distribution
- Employees in balancing group, portfolio, risk, schedule and load management as well as analysis
- Employees from industrial companies with significant electricity consumption

YOUR BENEFITS

After this seminar you will be able to:

- differentiate between power price forecasts on the spot market and on the futures market,
- apply common analysis and forecasting models,
- develop forecasting strategies on the different trading venues.

The seminars **Electricity Price Forecasts** and **Procurement Strategies with Chart Techniques** offer the optimal combination of theory and practice to create price forecasts and apply them in procurement management.