

# ELECTRICITY PRICE FORECASTS

SEMINAR, 1 DAY

The forecasting of electricity prices is an essential component 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 these forecasting methods, to interpret the forecasts and evaluate them. Based on concrete case studies, the challenges in various application cases will be demonstrated and solutions will be presented.

## YOUR CONTENTS

### Basic knowledge of electricity trading and price influences

- How the spot and futures markets work
- The Merit Order of electricity pricing
- Different pricing: auction and continuous trading

### Basics of price forecasts

- Comparison of methods: effort, costs, database
- Which method is right for me?
- Prognosis or simulation: the small difference
- Comparison between hPFC and "real" forecast

### Price forecasts in the spot market

- Day-ahead auction, intraday auction or continuous trading: motivation and available database
- Case Study I - electricity price forecast using linear regression
- Evaluation of the relevance of various price influences
- Where are the limits of these methods?

### Forecasts in the futures market

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

### Long-term price forecasts with fundamental models

- Functionality of the Merit Order approach
- Quality of the input parameters determines the quality of the output parameters
- Case Study II - calculation of a fundamental scenario
- Where are the limits to these methods?



## TARGET GROUP

- Experts and executives with ties to energy trading, purchase, procurement, distribution
- Employees in balance group management, portfolio management, risk management, scheduling and load management as well as analysis
- Employees of industrial companies with significant electricity consumption

## YOUR BENEFIT

After this seminar, you will be able to:

- electricity price forecasts on the spot and forward markets,
- to use common analysis and forecasting models,
- to develop forecasting strategies at the various trading venues.

The seminars **electricity price forecasts** and **procurement strategies with chart technology** offer the optimal combination of theory and practice to create price forecasts and apply them in procurement management.