

# OPTIMISED ELECTRICITY PROCUREMENT FOR INDUSTRY

## SEMINAR, 1 DAY

Industrial companies are facing growing challenges with regard to their energy supply. On the one hand, their customers demand sustainable production with as few greenhouse gas emissions as possible. On the other hand, competition at the international level offers little scope for surcharges in the procurement of "green" energy products. Nevertheless, many companies are willing to make their processes and the purchase of electricity more climate-friendly. The seminar provides basic knowledge for industry on electricity trading as well as on options for green power procurement and self-supply, taking into account the respective risks.

## Your contents

### Brief introduction to the electricity market

- The structure of the different electricity markets
- Players, interests and the regulatory framework
- The merit order and the day-ahead market as a reference market

### Electricity procurement for industrial demand

- Forms of electricity procurement: OTC, exchange, full supply
- Price formation and price influences
- Prerequisites and processes
- Optimisation potential between economic efficiency and sustainability

### CO<sub>2</sub>-free electricity procurement

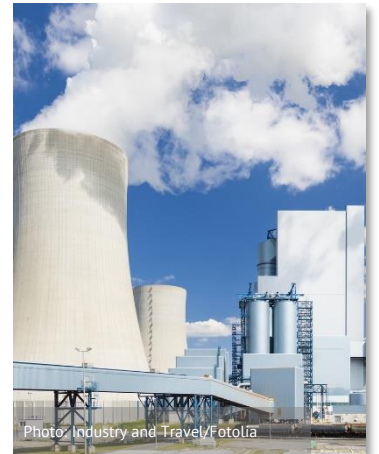
- Different types of green electricity
- Guarantees of origin (GO) and regional guarantees of origin (rGO)
- Types of Power Purchase Agreements (PPAs)
- Calculation of the fair value of PPAs

### Self-sufficient with decentralised plants

- Technologies for partial self-supply
- Combined heat and power plants (CHPs), PV systems, battery storage systems
- Potential for cost savings
- Regulatory framework

### Risk management

- Security of supply in Germany
- Optimisation between long-term and short-term procurement
- Dealing with extreme prices
- Opportunities and risks due to regulatory developments: electricity tax exemption, EEG levy exemption, CO<sub>2</sub> prices, electricity price compensation, grid charges, etc.



### TARGET GROUP

- Specialists and managers from large consumers with interfaces to energy trading, purchasing, energy management, facility management, etc.
- Employees from balancing group, portfolio, risk, schedule and load management as well as from analysis
- Representatives from politics and associations

### YOUR BENEFITS

After this seminar you will be able to:

- analyse the framework conditions of the electricity market
- compare options for procuring electricity for industrial companies,
- evaluate business models for the procurement of green electricity for industrial companies,
- transfer new concepts of electricity supply to your application case.

The **Intensive Seminar PPA Evaluation** is the optimal supplement for all those who would like to deal with electricity procurement by means of PPAs in more detail.