

# E-Learning Knowledge is Power.



Trader Certification



Basics about the Electricity Market



Compliance



Flow-Based

- Designed by experts
- Interactive training courses
- Available in English
- Unlimited access for one year
- Accessible via computer and tablet
- Multi-user packages
- Live-tutored knowledge sessions by Entrima / MAC

# Training courses available to all

Basic knowledge

Expert level



## Basics

### What is a power system?

Supply and demand, economic organization, operational characteristics, prices and balancing.

### Power generation <sup>(3)</sup>

Economic fundamentals, roles and technical characteristics of generation units. Influence on energy costs and electricity prices.

### Power consumption <sup>(3)</sup>

Daily, weekly, seasonal patterns, impacts of weather, tariff structures, major media events. Potential impact of electric vehicles, energy efficiency policies.

## Market & Trading

### What is a power exchange?

Types of exchanges, involved parties, characteristics of products, trading, market results, settlement and delivery.

### Market coupling in Europe

Main players, principles and advantages. Calculation algorithm EUPHEMIA. Calculation method of interconnection capacities ATC and Flow-Based.

### EPEX SPOT trading handbook for non-members <sup>(4)</sup>

Detailed information on the operational aspects of the power market, rules, regulation, products, markets. Including information about the capacity market.

### Participating in the electricity wholesale market

Opportunities and risks of the power market. Case studies, examples of trading, price behaviour.

### Capacity mechanism <sup>(3)</sup>

Functioning of the mechanism, supplier's obligations, allocation of capacity credits to generation units, demand side management.

### Balance responsible parties and balancing market <sup>(3)</sup>

Basics mechanisms that rule exchange of electricity in France, supply demand adjustment in real time, financial risk of balance responsible parties.

### Insights about Trading, Operations, Derivatives and Pricing

(by Entrima) <sup>(5)</sup>

### Markets, products, pricing & trading

Live-Tutored Knowledge Session with 3-months online training access (by Entrima) <sup>(5)</sup>

### Trading strategies & technicalities

Live-Tutored Knowledge Session5 with 3-months online trading simulations access (by Entrima) <sup>(5)</sup>

### Online Trading Simulations

Learning by doing (by Entrima) <sup>(5)</sup>

## Compliance

### VAT fraud

Definition of VAT, examples, details about VAT fraud, measures and action plan.

### Understanding Financial Crime, RE-MIT, Inside Information and Market Manipulation

(by MAC) <sup>(5)</sup>

### Market abuse

Live-Tutored Knowledge Session with 3-months online training access (by MAC) <sup>(5)</sup>

## Flow-Based

### M1-Refresh your knowledge about TSOs and ATC <sup>(2)</sup>

Roles of TSOs, cross-border capacity calculation and allocation, types and timeframes. Market coupling principles, ATC vs. Flow-Based.

### M2-Understand Flow-Based methodology <sup>(2)</sup>

General concepts, physical vs. commercial flows, net position, PTDF definition, critical branches. Impact on prices, congestion cases, price spreads.

### M3-Learn more about Flow-Based capacity calculation <sup>(2)</sup>

Calculation of provided data by TSOs, critical elements monitoring, PTDFs and GSKs, Shadow Auctions, Intraday ATCs, Hybrid price coupling.

### M4-Grasp Flow-Based parameters and its impacts for traders <sup>(2)</sup>

Comparison before/after impacts on market coupling and trading, specificities of market price formation under Flow-Based constraints.

# Exclusive for Members

## Trader Certification

### EPEX SPOT trading handbook (with Exam) <sup>(1)</sup>

Day-Ahead, Intraday, 15-Min. Intraday Call Auction Germany. Detailed information on the operational aspects of the power market, rules and regulation, products, markets, online trading demos, fallback procedures.


### EPEX SPOT capacity market (with Exam)

French Capacity Market Auction. Detailed information on the operational aspects of the power market, rules and regulation, products, markets, online trading demos, fallback procedures.

### EPEX SPOT GOs Spot Market (with Exam)

Guarantees of Origin Spot Market including detailed information on the operational aspects of the power market, rules and regulation, products, markets, online trading demos.

- (1) One free training for new members
- (2) In cooperation with Rte France
- (3) In cooperation with Rte International
- (4) Prior approval by EPEX SPOT required
- (5) Provided by Entrima / Market Abuse Center (MAC)

 More information and demonstration videos available at: <https://webshop.eex-group.com/>

## Pricelist

## Number of users

	1	5	10	15	20	100
<b>Certification for active Trading Members</b>						
Kit EPEX SPOT exam ("Trader Exam")	700 €	2 800 €	4 260 €		6 420 €	8 520 €
EPEX SPOT capacity market (with Exam)	250 €					
EPEX SPOT GOs Spot Market (with exam)	250 €					
<b>Certification for future Trading Members in admission</b>						
EPEX SPOT trading handbook (with exam) for prospects	700 €	2 800 €	4 260 €		6 420 €	
EPEX SPOT Capacity Market (with exam) for prospects	250 €					
EPEX SPOT GOs Spot Market (with exam) for prospects	250 €					
<b>Basics</b>						
Power consumption	540 €	2 040 €	3 240 €			5 040 €
What is a power system (A)	480 €		2 520 €		3 060 €	3 660 €
Power generation	540 €	2 040 €	3 240 €			5 040 €
<b>Market &amp; Trading</b>						
EPEX SPOT trading handbook	570 €		2 670 €		4 070 €	5 340 €
Balance responsible parties and balancing market	540 €	2 040 €	3 240 €			5 040 €
Capacity mechanism	540 €	2 040 €	3 240 €			5 040 €
EPEX SPOT trading handbook for non-members	700 €		4 830 €		6 930 €	9 030 €
Market coupling	780 €		4 560 €		5 520 €	7 020 €
What is an exchange? (B)	480 €		2 520 €		3 060 €	3 660 €
Participating in the electricity wholesale market (C)	480 €		2 520 €		3 060 €	3 660 €
Package Basic knowledge about the power market (A+B+C)	1 200 €		6 300 €		7 560 €	9 060 €
Insights about Trading, Operations, Derivatives and Pricing (by Entrima)	1 190 €	4 750 €		11 550 €		
Online Trading Simulations – Learning by doing (by Entrima)	1 190 €	4 750 €		11 550 €		
Markets, products, pricing & trading <sup>(1)</sup>		5 450 €		13 350 €		
Trading strategies & technicalities <sup>(1)</sup>		5 450 €		13 350 €		
(1) Live-Tutored Knowledge Session with 3-months online training access (by Entrima)						
<b>Compliance</b>						
VAT fraud	480 €		2 520 €		3 060 €	3 540 €
Understanding Financial Crime, REMIT, Inside Information and Market Manipulation (by MAC)	1 190 €	4 750 €		11 550 €		
Market abuse <sup>(2)</sup>		5 450 €		13 350 €		
(2) Live-Tutored Knowledge Session with 3-months online training access (by MAC)						
<b>Flow-Based</b>						
M1-Refresh your knowledge about TSOs and ATC	660 €	2 640 €	4 020 €			6 060 €
M2-Understand Flow-Based methodology	660 €	2 640 €	4 020 €			6 060 €
M3-Learn more about Flow-Based capacity calculation	660 €	2 640 €	4 020 €			6 060 €
M4-Grasp Flow-Based parameters and its impacts for traders	660 €	2 640 €	4 020 €			6 060 €
Flow-Based introduction (M1 + M2)	1 020 €	4 020 €	6 060 €			9 060 €
Flow-Based advanced (M3 + M4)	1 020 €	4 020 €	6 060 €			9 060 €