



SPECIALISED CEER TRAINING

# Electricity Market Design and Implementation of the European Green Deal

18–20 APRIL 2023

FULLY ONLINE

GoTo Training Platform

**CEER**  
Council of European  
Energy Regulators



Real life case  
studies



Hands-on  
assignments



Access to rich  
materials



Group work  
activities



CEER  
Academy  
Certificate

# WHAT IS THIS COURSE ABOUT?

The Clean Energy for All Europeans Package (CEP) which was adopted in July 2019 aims to introduce an improved electricity market design in Europe. Since 1 January 2020, all provisions of the new Electricity Regulation (EU) 2019/943 have started to be applicable to the electricity markets and the provisions of the new Electricity Directive (EU) 2019/944 have been transposed into the national laws. Despite the early preparations, National Regulatory Authorities (NRAs) still face numerous challenges in implementing the new legislative package. Some open issues still have to be solved and common understandings and approaches still have to be developed.

This tailor-made CEER online training programme is designed for experienced participants in the sector who would like to improve or update their knowledge and expertise in order to succeed with the implementation phase of the Clean Energy Package and the related electricity market design challenges.

Participants will revisit the fundamentals of electricity market design, benefit from the input of academics on new key developments and challenges, and receive up-to-date information about important issues currently being discussed and developed by NRAs.

All sessions will allow time at the end for Q&A, discussions and exchanges with the trainers and other participants.



**CEER's training programme is built around three key features:**



**Practitioner method**



**Regulator centric**



**Collaborative atmosphere**



## Who should attend

Experts from NRAs with a general background or previous experience in the electricity markets. Other experts from European Institutions (ACER, European Commission) are also invited to attend.



## Valuable insights

In-depth discussions during the course will cover:

- proposed market design improvements to overcome the current crisis;
- the necessity of cross-border intraday and balancing capacity in order to integrate off-shore wind;
- how to better represent the network in intraday;
- experiences with scarcity pricing mechanisms and capacity markets.



## Key take-aways

Participants will gain a better understanding of:

- the measures taken to answer to the energy crisis;
- general market design principles;
- off-shore wind development and the necessity of cross-border intraday capacity;
- the ERAA methodology;
- the impact of a capacity mechanism or a scarcity pricing mechanism on the system cost.

# PROGRAMME OUTLINE

## WEEK 1

10-14 APRIL 2023

Individual preparation for the course including literature review, reading materials and preparation of course work.

## WEEK 2

CLASS 1 – 9:00-13:00 (CET) ON 18 APRIL 2023

Description of the measures taken to answer the energy crisis and present general market design principles.

CLASS 2 – 9:00-13:00 (CET) ON 19 APRIL 2023

Presentation of the necessity of cross-border capacity in order to integrate off-shore wind.  
Description of how to improve the amount of cross-border capacity available.

CLASS 3 – 9:00-13:00 (CET) ON 20 APRIL 2023

Presentation of ERAA methodology and describe the impact on scarcity pricing mechanisms and capacity mechanisms.

## LEARNING JOURNEY

### WEEK 1



- Offline preparation (Reading material and assignments)
- Submission of assignments

### WEEK 2



Attending the three half-day online course on GoTo Training Platform



The CEER Training certificate will be delivered to participants who have completed the course



## DETAILS & FEES

- **Format:** Online
- **Preparation hours:** 6
- **Days of training:** 3 half-days
- **Training hours:** 12
- **LEVEL:** B
- **Course fees:** €600 or 1.25 training credits for members, €840 for non-members
- **Language:** English

### LOCATION

#### GoTo Training Platform

The link will be shared in due time

**REGISTRATION CLOSES  
ON 10 APRIL**

### SCHOLARSHIPS AND REDUCED FEES

- Countries with a GDP per capita below the 90% threshold of the EU-27's GDP per capita (as per the Eurostat official data) can benefit from a 50% fee reduction.
- Each NRA has the right to two scholarships per year.
- A maximum of four scholarships are offered for this training.

### CANCELLATION POLICY

- Up to 3 weeks before the course=no cancellation fees
- Between 2 to 3 weeks before the course=50% cancellation fees
- Less than 1 week before the course=full amount of the course fees

[DOWNLOAD  
THE DRAFT  
PROGRAMME](#)



# LEARN MORE ABOUT THE COURSE SUPERVISORS!



## GILLES BERTRAND

Course Director

Gilles Bertrand is currently working at CREG, the Belgian Energy Regulator. He is part of the department in charge of the Technical Operation of the market. He completed his PhD at the Center for Operations Research and Econometrics at UCLouvain, working with Professor Anthony Papavasiliou. His research focus was to develop trading strategies in electricity markets using Reinforcement Learning.



## TOMÁS GÓMEZ

Course Advisor

Tomás Gómez is a Professor of Electrical Engineering at Comillas University. He has been the Director of Instituto de Investigación Tecnológica and Vice-Rector of Research, Development, and Innovation at Comillas. His areas of interest are economics and regulation of the energy sector, operation and planning of transmission and distribution systems, and integration of renewable and distributed energy resources in power systems. He served as commissioner at the Spanish Energy Regulatory Commission (CNE).



## RASHA ZEINA

Training and Programme Coordinator

Rasha Zeina joined the CEER Secretariat in August 2021 as Training & Programme Coordinator. Before joining CEER, Rasha worked as Project Facilitator for the Brussels office of the United Nations High Commissioner for Refugees (UNHCR). She also worked as Communication and Logistics Coordinator at the Flemish Cultural Centre "Pianofabriek". Rasha holds a master's degree from the Free University of Brussels (VUB) in Media and Journalism in Europe. She enjoys learning about digital media and communication tools and is very interested in digital design.

**REGISTER HERE**

**Any questions? Get in touch:**

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<https://www.ceer.eu/training-course-2023>



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