

CEER Specialised Training on Implementation of Electricity Network Codes and Guidelines

22-23 May 2019

CEER Office, Cours Saint-Michel 30a (5th floor), 1040 Brussels

COURSE PROGRAMME

Level B: Specialised Course

With all the Electricity Network Codes and Guidelines adopted, energy regulators have to deal with the challenges related to their implementation in order to meet the deadlines for a quick and efficient harmonisation of the European Electricity Markets.

This tailored-made 2-day CEER training programme is designed for experts from National Regulatory Authorities (NRAs) with general background or previous experience in Electricity Network Codes and Guidelines who would like to improve or update their knowledge and expertise in order to succeed with the continuing and emerging challenges of the implementation phase.

The programme will cover the EU regulatory and governance framework, with particular references to market guidelines. Experiences from the implementation of the Capacity Allocation and Congestion Management (CACM) Guideline and the Forward Capacity Allocation (FCA) Guideline will be complemented by ongoing and upcoming challenges in the Electricity Balancing Guideline and System Operations Guideline. Participants will be introduced to some of the focal points of the future network code and guideline implementation, related to regional cooperation and the Clean Energy Package. This 2-day CEER specialised course will focus on the processes, obstacles, best practices, case studies and lessons learned and participants will be asked to contribute actively to discussions on future challenges.

Class lessons will count on an exclusive and balanced combination of lecturers - whose daily activities focus on Network Codes and Guidelines implementation - in order to train participants at best. A visit to CORESO, a historical Regional Security Coordinator in Brussels, will complement the programme.

Wednesday, 22 May 2019

10:30-17:30

WELCOME AND INTRODUCTION

10:30-10:45 Opening remarks and round-table introduction of the participants.

- **Mr Nico Schoutteet, CREG, CACM and FCA Task Forces Co-Chair, Course Director**

10:45-11:00 Introduction to Network Codes and Guidelines.

- **Mr Nico Schoutteet, CREG, CACM and FCA Task Forces Co-Chair, Course Director**

SESSION 1 GOVERNANCE FRAMEWORK OF EU ELECTRICITY NETWORK CODES AND GUIDELINES

The regulatory framework for the European electricity market has undergone many transformations over the last decades. How has the regulatory and governance framework worked in the development process of Network Codes and Guidelines? Has the process worked properly and followed the principles of good governance? Once the Network Codes and Guidelines are adopted, how do NRAs, ACER, the European Commission, Member States, ENTSO-E, TSOs, NEMOs and stakeholders cooperate in the implementation phase? What are the governance rules for cooperation between different bodies? This session will address the key challenges regarding the governance framework of developing and implementing the EU Electricity Network Codes and Guidelines.

11:00-12:00 Approval processes, governance frameworks and the implementation of Terms & Conditions and methodologies.

- a) Framework (European Regulators' Forum - ERF)
- b) Actors and roles
- c) Process: from drafting to approval
- d) Outcomes: Request for amendments, approvals, referrals to ACER and decision
- e) Monitoring and enforcement of TCMs

- **Mr Salvio Lanza, ARERA, CACM and FCA Task Forces Co-Chair**

Q&A

12:00-12:30 Network Codes – technical standardisation or transfer of national sovereignty? A view from the European Commission.

- **Mr Oliver Koch, Deputy Head of Unit, DG Energy, European Commission**

Q&A

12:30-13:15 Lunch Break – CEER Office

SESSION 2 ELECTRICITY NETWORK CODES AND GUIDELINES AND THE CHALLENGES OF IMPLEMENTATION

This session addresses the challenges related to the implementation of Electricity Network Codes and Guidelines. Do the Network Codes and Guidelines meet the European expectation for a quick and efficient harmonisation of the European Electricity Markets? What are the lessons learnt? With all the Network Codes and Guidelines adopted, the next phase of implementation has come to the fore. This session will focus on the progresses

and obstacles in the implementation of the market guidelines. While most of the Terms & Conditions or Methodologies of the Capacity Allocation and Congestion Management Guideline and Forward Capacity Allocation Guideline have been approved, many similar processes are currently ongoing or still to be initiated for the Electricity Balancing Guideline and System Operation Guideline.

13:15-14:15 Electricity Balancing Guideline.

- a) Major issues
- b) Work in progress
- c) Case study
- d) Lessons learned

- **Mr Mathieu Fransen, ACM, Electricity Balancing Task Force Co-Chair**

Q&A

14:15-15:00 Forward Capacity Allocation Guideline.

- a) Major issues
- b) Work in progress
- c) Case study: Congestion Income Distribution Methodology
- d) Lessons learned
- e) Way forward

- **Mr Thomas Hölzer and Mr Michael Pülke, BNetzA**

Q&A

15:30-17:30 Visit to CORESO - a TSO regional operational coordination centre in Brussels.

- **Mr Jean-François Gahungu, CORESO Chief Executive Officer**

Q&A

- END FIRST DAY -

Thursday, 23 May 2019
09:15-16:15

09:15-10:00 Electricity Balancing Platforms (TERRE, MARI, IGCC and PICASSO).

- a) Implementation framework
- b) Challenges

▪ **Mr Alexander Dusolt, ENTSO-E**

Q&A

10:00-10:15 Coffee Break

10:15-11:45 System Operation Guideline.

- a) Structure of frequency regulation
- b) Coordinated security analysis and Regional Security Coordinators' role
- c) Data exchange in coordination with TSOs
- d) Coordination between European Union and third countries
- e) Challenges, case studies and lessons learned

▪ **Mr Marco Pasquadibisceglie, ARERA, System Operation Task Force Chair**

Q&A

11:45-12:30 Capacity Allocation and Congestion Management Guideline.

- a) Major issues
- b) Work in progress
- c) Case study
- d) Lessons learned
- e) Way forward

▪ **Mr Klaas Papjes, ACM**

Q&A

12:30-13:30 Lunch Break

SESSION 3 LOOKING FORWARD: THE FUTURE OF NETWORK CODES AND GUIDELINES

This session builds on the experiences from the past and ongoing implementation of Network Codes and Guidelines and aims to provide the participants with some likely challenges to occur in the coming years. Two specific short-term issues are presented: the regional implementation of the Capacity Allocation and Congestion Management Guideline and the governance of power exchanges and the Market Coupling Operator Function. This session will end with a reflection of the recently approved Clean Energy Package, focusing

on the role of NRAs and ACER as well as some areas of overlap between the current Network Codes and Guidelines and the recast Electricity Regulation.

13:30-14:30 Regional implementation of Guidelines.

- a) Regional implementation of CACM and FCA GL
- b) NRA and ACER organisation
- c) Case Study: ACER's Decision on the Core Capacity Calculation Methodologies

▪ **Mr Thomas Querrioux, ACER**

Q&A

14:30-15:15 Roles of NRAs and ACER under the Clean Energy Package.

- a) Recast ACER Regulation
- b) NRAs' cooperation framework
- c) Monitoring and enforcement of TCMs

▪ **Ms Fay Geitona, ACER**

Q&A

15:15-16:00 Roundtable discussion - The implementation of Network Codes and Guidelines in light of the Clean Energy Package.

- a) Articles 16 of the Recast Electricity Regulation on Capacity Allocation and Congestion Management: general principles or adoption of detailed terms and conditions or methodologies?
- b) Article 15 of the Recast Electricity Regulation on the development of Action Plans
- c) Article 14 of the Recast Electricity Regulation on the Bidding Zone Review and the management of congestions

▪ **Mr Nico Schoutteet, CREG, CACM and FCA Task Forces Co-Chair, Course Director**

16:00-16:15 Wrap up of Day 2.

▪ **Mr Nico Schoutteet, CREG, CACM and FCA Task Forces Co-Chair, Course Director**

- END SECOND DAY -