

CEER Specialised Training on Implementation of Electricity Network Codes and Guidelines

23-24 May 2018

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 reference to Connection Network Codes, Electricity Balancing Guideline, System Operation Guideline, Forward Capacity Allocation Guideline and Capacity Allocation and Congestion Management Guideline. Through the 2-day CEER course, participants will focus on processes, obstacles, best practices, cases studies and lessons learned from the on-going implementation phase of the Network Codes and Guidelines. Specific attention will be reserved to challenges for regulators in delivering the progress, as those related to the development and approval of Terms & Conditions or Methodologies.

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, 23 May 2018

10:30-17:45

WELCOME AND INTRODUCTION

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

- **Mr Cristian Lanfranconi, ARERA, 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.

10:45-11:30 EU Electricity Network Codes: Good Governance in a Network of Networks.

- a) Regulatory framework
- b) Network Codes development process
- c) Principles of good governance

▪ **Prof. Saskia Lavrijssen and Mr. Thomas Kohlbacher, Tilburg University**

Q&A

11:30-12:15 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) Lessons learned

▪ **Mr Salvio Lanza, ARERA, CACM Task Force Co-Chair**

Q&A

12:15-13:15 *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 Connection Network Codes, Electricity Balancing Guideline, System Operation Guideline, Forward Capacity Allocation Guideline and Capacity Allocation and Congestion Management Guideline. The session will include some key organisational arrangements, work done so far, best practices, lessons learned as well as opportunities and challenges of the ongoing and new initiatives in the implementation phase of Electricity Network Codes and Guidelines.

13:15-14:00 Connection Network Codes.

- a) Content
- b) NRA organisation
- c) Work in progress
- d) Case study
- e) Lessons learned
- f) Way forward

- **Mr Uros Gabrijel, ACER, SOGC Task Force Co-Chair**

Q&A

14:00-14:45 Implementation guidance for the Network Codes on Requirements for Grid Connection of Generators (RfG), Demand Connection (DCC) and Requirements for Grid Connection of High Voltage Direct Current Systems (HVDC).

- a) Objectives
- b) Implementation Guidance Documents
- c) Examples

- **Mr Ioannis Theologitis, ENTSO-E**

Q&A

14:45-15:00 *Coffee break*

15:00-16:00 Electricity Balancing Guideline.

- a) Content
- b) NRA organisation
- c) Terms & Conditions and Methodologies approved so far (if any)
- d) Work in progress
- e) Case study
- f) Lessons learned

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

Q&A

16:00-16:45 Electricity Balancing Platforms (TERRE, MARI, IGCC and PICASSO).

- a) Implementation framework
- b) Challenges

- **Mr Alexander Dusolt, ENTSO-E**

Q&A

16:45-17:30 Regional Security Coordinators.

- a) History
- b) Existing Regional Security Coordinators
- c) Services
- d) Governance
- e) Expected developments

▪ **Ms Sonya Twohig, ENTSO-E**

Q&A

17:30-17:45 Wrap up of Day 1.

▪ **Mr Cristian Lanfranconi, ARERA, Course Director**

17:45-18:45 Reception Drinks at CEER office – all participants and lecturers are welcome to join.

Evening Dinner (at one's own expenses).

- END FIRST DAY -

Thursday, 24 May 2018

09:00-16:30

09:00-10:30 Visit to CORESO - a TSO regional operational coordination centre in Brussels.

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

Q&A

11:15-12:15 System Operation Guideline.

- a) Content and methodologies
- b) NRA organisation
- c) Challenges
- d) Case studies
- e) Lessons learned

- **Mr Jakub Fijalkowski, E-Control, SOGC Task Force Co-Chair**

Q&A

12:15-13:00 *Lunch Break*

13:00-13:45 Forward Capacity Allocation Guideline.

- a) Content
- b) NRA organisation
- c) Terms & Conditions and Methodologies approved so far (if any)
- d) Work in progress
- e) Case study
- f) Lessons learned

- **Mr Aurélien Bernard, CRE, FCA Task Force Co-Chair**

Q&A

13:45-14:30 Long term transmission rights capacity allocation.

- a) Joint Allocation Office (JAO) – Mission and governance
- b) Services
- c) Harmonised Allocation Rules
- d) Examples

- **Mr Corne Meeuwis, JAO**

Q&A

14:30-14:45 *Coffee Break*

14:45-15:30 Capacity Allocation and Congestion Management Guideline.

- a) Content
- b) NRA organisation
- c) Terms & Conditions and Methodologies approved so far
- d) Work in progress
- e) Case study
- f) Lessons learned

▪ **Mr Nico Schoutteet, CREG, CACM Task Force Co-Chair**

Q&A

15:30-16:15 The Splitting of the German-Austrian Bidding Zone from a Legal Perspective.

- a) ACER's decision on Capacity Calculation Regions
- b) Positions of different actors and legal proceedings
- c) Legal analysis
- d) Outlook

▪ **Mr Florian Stangl, Cerha Hempel Spiegelfeld Hlawati (CHSH)**

16:15-16:30 Wrap-up of Day 2.

▪ **Mr Cristian Lanfranconi, ARERA, Course Director**

- END SECOND DAY -