

FULLY ONSITE

Introduction to EU Energy Regulatory Framework and Policy - Module 1
Introduction to European Electricity and Gas Market Regulation- Module 2

24—27 APRIL 2023



Level A: Overview course

The Council of European Energy Regulators (CEER) is delighted to announce the 8th edition of the joint course called “Introduction to Fundamentals of Energy Regulation”, to be held onsite in April 2023. This CEER course is focused on explaining the fundamentals of EU energy policy and regulation, building on similar successful courses held in previous years. The course is ideally suited for newer staff members within National Regulatory Authorities (NRAs), European Institutions, and other public authorities. The CEER course will comprehensively explain the key aspects of EU electricity and gas regulation, including the latest developments, theory, and practice, across the energy cost chain from wholesale markets to networks and retail issues. Attendees will be provided with a clear understanding of the economic and legal frameworks developed in European energy regulation, including an explanation of the main institutions and participants involved. The course brings the CEER’s senior regulatory practical knowledge and expertise. By combining academic groundings and practical on-the-job regulatory experience, the course seeks to build the operational understanding, capacity, and tools for newer NRA staff members, which they can then apply in their work.

Week one: 14 April 2023: Offline preparation to the course

First welcome online class on 14 April at 11:00

Week two: 24-27 April 2023:

Module 1: “EU Energy Regulatory Framework and Policy”, 2 onsite days, average 6 hours each day.

Module 2: “European Electricity and Gas Market Regulation”, 2 onsite Classes, average 6 hours each day.

Attendance at both modules is highly recommended, though they are designed such that participants can gain value by attending just one module if they wish.

Online CLASS 1: Friday 14 April 2023 – 11:00-12:00 (CEST)

Online live session with participants

The online session is dedicated for explaining what the participants have to prepare regarding the assignments and deadlines. What are their expectations, what they would like to learn through these four days of training.

ONSITE\ CLASS 1: Monday 24 April 2023 – 13:00-17:00 (CEST)

MODULE 1 -INTRODUCTION TO EU ENERGY REGULATORY FRAMEWORK AND POLICY

SESSION 1 EU energy regulation and energy policy: the landscape

13:00-13:15 **Opening remarks**

Introduction to the Training

Course Directors: Koen Locquet | CREG Acting President, CREG
Johan Allonsius | Senior Economic Advisor

13:15-13:40 **Introduction of the participants, practical and technical information of the training programme**

Giulia Carpentieri, CEER Training and Programme Coordinator

13:40-14:00 **Where we come from – Intro to Energy world – history.**

Koen Locquet | CREG

14:00-15:00 **Role of regulators and energy regulation explained:**

- **What is an energy regulator and why do we have them?**
- **General objectives of the regulatory authorities (Regulation).**
- **Core duties and powers of regulators, including new ones in the European Clean Energy Package and European Green Deal.**

Koen Locquet | CREG

15:00 15:15 **Break**

15:15-16:30 **European Security of Supply Policy:**

- **Achieved targets and future challenges**
- **EU Energy diplomacy and external relations: what we did right, what we did wrong**

Jean-Arnold Vinois | Jacques Delors Institute

16:30-17:00 **Wrap up for day 1**

Course Director: Koen Locquet | CREG Acting President, CREG
Johan Allonsius | Senior Economic Advisor
Giulia Carpentieri, CEER Training and Programme Coordinator

-End of day 1-

Onsite CLASS 2: Tuesday 25 April – 09:00-17:00 (CEST)

SESSION 2 Introduction to the European legal framework for energy: logic and dynamics

09:00-09:15 Intro to Day 2

Course Director: Koen Locquet | CREG Acting President, CREG

**09:15-10:20 Impact of the evolution of the regulatory framework:
Implementation of the regulatory framework in Greece: What has been
achieved? Where is the Greek energy market today?**

Evangelia Gazi | RAE

10:20 10:30 Break

10:30-11:30 Group work activity

Giulia Carpentieri and Rasha Zeina | CEER

**11:30-12:30 Regulation of renewable energy and energy efficiency: Key EU
legislative acts (Renewable energy and energy efficiency directive, the
Clean Energy Package) Impact of European renewable policy on
security of supply**

Lucila de Almeida | FSR/RSCAS/EU

12:30 13:30 Lunch

SESSION 3 Retail Markets and consumer Protection and Future Energy Systems

13:30-14:30 Principles and practices

Hydrogen, status & developments

Isabelle Francois – Waterstofnet

14:30-15:30 Principles and practices

Customer policy:

Is there a need for a “regulation” of energy consumer issues?

CEER-BEUC 2030 Vision for energy consumers

What is energy poverty? What can be done by NRAs?

What role for regulators in consumer protection?

Natalie McCoy | ERSE

15:30 15:40 Break

15:40-16:40 Principles and practices

Looking ahead: Energy System Integration:

The ongoing reform of the gas sector and future perspectives

Hydrogen and other “clean molecules”

The new H2 infrastructure: regulatory issues

Aad Correljé | Clingendael International Energy Programme (CIEP) and TU

Delft

16:40-17:00 Wrap up for day 2

Course Director: Koen Locquet | CREG Acting President, CREG
Johan Allonsius | Position
Giulia Carpentieri, CEER Training and Programme Coordinator

-End of day 2-

Networking Dinner

MODULE 2- INTRODUCTION TO EUROPEAN ELECTRICITY AND GAS MARKET REGULATION

Onsite CLASS 3: Wednesday 26 April – 09:00-17:00 (CEST)

SESSION 4 Introduction to Gas Markets and Grids

09:00-09:15 Intro to Day 3

Course Director: Koen Locquet | CREG Acting President, CREG

09:15-10:30 Principles

The gas market picture:
The landscape of today's gas market globally: main actors, structural dynamics, market and regulatory challenges
How is gas traded, transported and supplied in Europe? Progress achieved, scale of investments
LNG, storage and other market "flexibility tools"
Aad Correljé | Clingendael International Energy Programme (CIEP) and TU Delft

10:30-11:20 Principles

Gas grids:
Overview of gas grids. What are the differences with electricity grids?
Why regulate gas grids in a competitive market?
Are the EU gas grids really European or only national?
Nico Keyaerts | ACER

11:20 11:30 Break

11:30-12:30 Practices

How is Europe's gas wholesale market designed?
What is the gas target model?
What is the regulators' role in shaping and delivering the internal energy market (network codes, etc.)? What role for gas in the future?
Beatriz Moreno | CNMC

12:30 13:30 Lunch

13:30 14:30 Energy Transition In Practice : role of other gases

Steven Van Caekenberghe | FLUXYS

14:30-15:15 A view on the changes to the gas flow dynamics in Europe and the measures taken by the TSOs following the Russian invasion of Ukraine.

Anton Kolisnyk | ENTSOG

SESSION 5 Introduction to Electricity Markets and Grids

15:15-16:30 Lessons learnt from the energy crisis: potential impact on Electricity Market Design

Nico Schoutteet | CREG

16:30-17:00 Wrap up for day 3

Course Director: Koen Locquet | CREG Acting President, CREG

Johan Allonsius | Position

Giulia Carpentieri, CEER Training and Programme Coordinator

-End of day 3-

Onsite CLASS 4: Thursday 27 April – 09:00-15:00 (CEST)

SESSION 6 Regulating electricity and gas monopolies and the link between energy and competition policies and market design

09:00-09:15 Intro to Day 4

Course Director: Koen Locquet | CREG Acting President, CREG

09:15-10:15 Practices

Regulating natural electricity and gas monopolies:

How do regulators design electricity and gas grid access tariffs?

How do they approve an investment plan? How do incentives work?

How are renewables and technology changing the way grids work and are regulated?

Group work exercise based on a tariffs case study.

Johan Allonsius | CREG

10:15-11:20 Practices

Competition policy and the transition to a more sustainable energy system:

The relationship between competition law and energy regulation. How do they interact with each other?

How does competition law promote the transition to a more sustainable energy system?

Flavien Christ | European Commission

11:20 11:30 Break

11:30-12:20 Energy Crisis: opportunities for the future?
Vincent Berrutto | European Commission - TBC

12:20 13:30 Lunch

13:30-14:15 Contracts for difference
Jose Elias-Cabrera – Paula Ceballos-Coloma | European Commission

14:15 14:30 Break

14:30-15:30 Energy Transition in General
Koen Schoors | Ghent University

15:30-16:00 Course Evaluation
Giulia Carpentieri, CEER Training and Programme Coordinator

16:00-16:30 Course Wrap up
Course Director: Koen Locquet | CREG Acting President, CREG
Johan Allonsius | Position
Giulia Carpentieri, CEER Training and Programme Coordinator

-End of course - day 4-