



# 3.1 Highlights on implementation of electricity NCs – state of play

Fernando Hernandez, ACER/CEER EWG Chair Presentation

33<sup>rd</sup> Florence Forum 30/31 May 2018, Florence, Italy

# **3.1. Highlights on implementation of electricity NCs** General overview of state of play of electricity NC

#### **ACHIEVEMENTS**

<u>EU-wide</u> Terms, Conditions and Methodologies: Considerable work was done, is being done and still needs to be done.

#### **CACM**

- 10 Approved
- 3 Submitted
- 0 Pending

#### EB

- 0 Approved
- 0 Submitted
- 10 Pending

#### **FCA**

- 4 Approved
- 1 Submitted
- 2 Pending

#### SO

- 0 Approved
- 2 Submitted
- 1 Pending

...and there are Regional TCMs too!



### **3.1. Highlights on implementation of electricity NCs** Interlinks between the implementation of TCMs and between NCs

# NRAs, ACER and stakeholders are finding more and more interlinkages between different TCMs...

- Multiple instances of Common Grid Model (European intraday gate closure time and Regional Capacity Calculation Methodologies (CACM)
- European intraday gate opening time and Capacity pricing (CACM)\*
- In general, proactive vs reactive approach in Balancing (EB)

#### …and between different Network Codes

- European intraday gate closure times (CACM) and Balancing Energy gate closure times (BAL)
- Use of remaining capacity after ID (EB) and Coordinated calculation of cross zonal capacity (CACM/EB)
- Redispatching and countertrading (CACM) vs Remedial Actions in Coordinating Security Analysis (SO)
- Market time unit (CACM) and Imbalance Settlement Period (EB)
- Bidding zone reviews (CACM-EB) vs Load Frequency Control Block Structure(SO/EB)
- CACM, FCA and SO)
- Requirements on data exchange (RfG) and their utilization (SO)
- Geographical scope of Regional Security Coordinators (SO) vs Capacity Calculation Regions (CACM)



## **3.1. Highlights on implementation of electricity NCs** Interlinks between the implementation of TCMs and between NCs

- There are details in the TCMs that have the potential to shape significantly the market and system structure for electricity.
- In several cases timelines (chains of decisions) do not match and decisions under one NC significantly impact other NC/GL, hence causing problems during implementation.