

## European Electricity Codes: Status Update

ENTSO-E Website: <http://networkcodes.entsoe.eu/>

**02 December 2014**

Network Code	What is it about?	Status	Status Update	Milestones to Completion
<b>Connection Codes</b>				
<b>Requirements for Generators</b>	Sets functional requirements which new generators connecting to the network (both distribution and transmission) will need to meet, as well as responsibilities on TSOs and DSOs .	Comitology preparations & Informal discussions	Draft text released by the Commission in January 2014, ahead of the Cross-Border Committee. Further preparation is believed to be ongoing and an updated draft is anticipated shortly.	ENC with the Commission for preparations for Comitology. Discussions by the Cross-Border Committee are expected to commence after CACM.
<b>Demand Connection Code</b>	Sets functional requirements for new demand users and distribution network connections to the transmission system, basic Demand Side Response capabilities, as well as responsibilities on TSOs and DSOs.	Comitology preparations & Informal discussions	Draft text was released by the Commission in March 2014 ahead of the Cross-Border Committee. Further preparation is believed to be ongoing.	Discussions by the Cross-Border Committee are expected to commence after CACM, RfG and possibly FCA.
<b>HVDC Network Code</b>	Sets functional requirements for HVDC connections and offshore DC connected generation.	Comitology preparations & Informal discussions	With the European Commission ahead of Comitology.	ENC with Commission for preparations for Comitology.
<b>Market Codes</b>				
<b>Capacity Allocation and Congestion Management</b>	Creates the rules for operating pan-European Day Ahead and Intraday markets, explains how capacity is calculated and explains how bidding zones will be defined. Includes the Governance Guidelines which provide a robust, reliable and non-discriminatory European Union governance framework for the operation of market coupling across Europe.	Comitology preparations & Informal discussions	Commission has confirmed that CACM will proceed as a Guideline and not a Network Code. New CACM text released to member states ahead of Cross Border Committee Meetings.	Formal voting of the Cross-Border Committee expected in December 2014.
<b>Forward Capacity Allocation</b>	Sets out rules for buying capacity in timescales before Day Ahead and for hedging risks.	Comitology preparations & Informal discussions	With the European Commission ahead of Comitology.	ENC with Commission for preparations for Comitology.
<b>Electricity Balancing</b>	Sets out the rules to allow TSOs to balance the system close to real time and to allow parties to participate in those markets.	ACER review of ENTSO-E revision.	ACER is reviewing the ENC following ENTSO-E Revisions.	ACER recommendation due followed by Comitology preparations.
<b>System Operation Codes</b>				
<b>Operational Security</b>	Sets common rules for ensuring the operational security of the pan European power system.	ENTSO-E preparing redrafting on Commission's request	At the Florence Forum, the Commission indicated that further drafting is likely to be required to allow the Network Code to enter in to force as a 'Network Code'.	Re-drafting required ahead of progression through Comitology.
<b>Operational Planning and Scheduling</b>	Explains how TSOs will work with generators to plan the transmission system in everything from the year ahead to real time.	ENTSO-E preparing redrafting on Commission's request	At the Florence Forum, the Commission indicated that further drafting is likely to be required to allow the Network Code to enter in to force as a 'Network Code'.	Re-drafting required ahead of progression through Comitology.
<b>Load Frequency Control and Reserves</b>	Provides for the coordination and technical specification of load frequency control processes and specifies the levels of reserves (back-up) which TSOs need to hold and specifies where they need to be held.	ENTSO-E preparing redrafting on Commission's request	At the Florence Forum, the Commission indicated that further drafting is likely to be required to allow the Network Code to enter in to force as a 'Network Code'.	Re-drafting required ahead of progression through Comitology.
<b>Emergency and Restoration</b>	Ensures that efforts of restoration after a major disturbance or blackout are well coordinated at led by TSOs within a synchronous areas, and no individual action or attempts adversely affect the re-establishment of system operation as soon as possible	ENTSO-E Drafting	Initial draft completed by ENTSO-E and stakeholder consultations on this draft are in progress.	Anticipated stakeholder consultations completed and final draft of the code delivered to ACER for review in Q1 2015.
<b>Transparency Regulation</b>				
<b>Transparency Regulation</b>	Establishes a minimum common set of data relating to generation, balancing, transmission and consumption of electricity which need to be made available to market participants. It also provides for a central collection and publication of the data.	GB Implementation	ENTSO-E is finalising the central EMFIP platform for transparency data ahead of 'go live' in January 2015.	GB Compliance required by January 2015.

# Status of the European Electricity Codes Development

02 December 2014

Please note: All future indications for the Comitology process are unknown, therefore all dates, associated processes and implementation periods contained within this document are 'best guess' and subject to change.

**KEY**

- Activities undertaken by ACER
- Activities undertaken by European Commission
- Activities undertaken by ENTSO-E
- Implementation Period (details TBC)
- Entry into Force / Applicability of Requirements
- Code Revisions (details TBC)

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