

## European Electricity Codes: Status Update

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

**09 October 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	Draft text was released by the Commission in January 2014, ahead of the Cross-Border Committee. The French Government has issued a paper querying a number of the technical requirements. An updated draft is anticipated.	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	Draft text was released by the Commission in March 2014 ahead of the Cross-Border Committee. Mandatory Demand Side Response provisions have been removed from the Network Code.	Discussions by the Cross-Border Committee are expected to commence after CACM and FCA. ACER have been asked to re-draft the derogations section.
<b>HVDC Network Code</b>	Sets functional requirements for HVDC connections and offshore DC connected generation.	Comitology preparations	With the European Commission ahead of Comitology.	Code 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	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 Q4 2014.
<b>Forward Capacity Allocation</b>	Sets out rules for buying capacity in timescales before Day Ahead and for hedging risks.	Comitology preparations	ACER had requested that amendments be made to the Network Code on the areas of firmness and timescales for Terms and Conditions. ENTSO-E has made amendments and returned FCA to ACER for review. ACER has submitted the Network Code with a qualified recommendation to the Commission.	Code 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 has requested that amendments be made to the Network Code on the areas of <ul style="list-style-type: none"> <li>• Incentives on balance responsible parties to be balanced or help the electricity system to be balanced.</li> <li>• A consistent framework to foster competition between balance service providers.</li> <li>• Efficiency of balancing actions performed by TSOs.</li> </ul> <b>• ENTSO-E has revised and submitted the code to ACER.</b>	ACER will re-review the code ahead of an expected recommendation and then Comitology.
<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	The text was received by the Commission from ACER after a qualified Recommendation in November 2013.	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'.
<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	The text was received by the Commission from ACER after a qualified Recommendation in November 2013.	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'.
<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	In pre-Comitology stage. The text was received by the Commission from ACER after a qualified Recommendation in October 2013.	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'.
<b>Emergency and Restoration</b>	Ensures that efforts of restoration after a major disturbance or blackout are well coordinated and led by TSOs within a synchronous area, and no individual action or attempts adversely affect the re-establishment of system operation as soon as possible	ENTSO-E Drafting	Mandate to commence drafting received by ENTSO-E on April 1 2014.	Version for Public Consultation expected. JESG workshop 1/2 December.
<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	GB Implementation is ongoing. BSC Modification P295 has been approved.	GB Compliance required by January 2015. ENTSO-E is developing the central EMFIP platform for transparency data.

# Status of the European Electricity Codes Development

09 October 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)

Prepared by:

**nationalgrid**

[europencodes.electricity@nationalgrid.com](mailto:europencodes.electricity@nationalgrid.com)

