

## European Network Codes: Status Update

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

09 February 2014

Network Code	What is it about?	Status	Status Update	Milestones to Completion	GB Stakeholder Opportunity
<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	Draft text was released by the Commission in January 2014, ahead of the Cross-Border Committee. Further refinement is expected.	Discussions and voting by the Cross-border committee are expected in Q1/2014.	To be advised by DECC/Ofgem.
<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	DCC is in pre-comitology stage of Comitology. The Commission is expected to release text in early 2014.	Discussions and voting by the Cross-border committee are expected in Q1/2014.	Awaiting release of text.
<b>HVDC Network Code</b>	Sets functional requirements for HVDC connections and offshore DC connected generation.	ENTSO-E Drafting	The ENTSO-E public consultation closed on 7 January. 2464 comments were received. ENTSO E is now revising the Network Code.	ENTSO-E to complete drafting, and due to be submit Network Code to ACER by 1 May 2014.	Discussions at JESG before submission to ACER.
<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	CACM is in the cross-border Committee stage of Comitology. The Commission released their first draft of the Network Code text on 22 November 2013, and a further draft in January 2014.	Discussions and voting by the Cross-border committee are expected in Q4/2013 and Q1/2014.	To be advised by DECC/Ofgem.
<b>Forward Capacity Allocation</b>	Sets out rules for buying capacity in timescales before Day Ahead and for hedging risks.	ACER Review	ACER has requested that amendments be made to the Network Code on the areas of firmness and timescales for Terms and Conditions.	ENTSO-E is expected to revise aspects of the Network Code. ACER will then rereview the change ahead of Comitology	Engagement expected during Comitology once text is produced by Commission
<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.	ENTSO-E Drafting	ENTSO-E has submitted Network Code to ACER for review.	ACER will review the compliance of the Network Code against the Framework Guidelines for three months, January - March 2014.	Engagement expected during Comitology once text is produced by Commission
<b>System Operation Codes</b>					
<b>Operational Security</b>	Sets common rules for ensuring the operational security of the pan European power system.	Comitology	In pre-comitology stage. The text was received by the Commission from ACER after a qualified Recommendation in November 2013.	The Commission is to prepare the text, prior to the Cross-border Committee meetings expected in Q2/2014.	Engagement expected during Comitology once text is produced by Commission
<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.	Comitology	In pre-comitology stage. The text was received by the Commission from ACER after a qualified Recommendation in November 2013.	The Commission is to prepare the text, prior to the Cross-border Committee meetings expected in Q2/2014.	Engagement expected during Comitology once text is produced by Commission
<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.	Comitology	In pre-comitology stage. The text was received by the Commission from ACER after a qualified Recommendation in October 2013.	The Commission is to prepare the text, prior to the Cross-border Committee meetings expected in Q2/2014.	Engagement expected during Comitology once text is produced by Commission
<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	Pre-drafting	Yet to commence formal ENTSO-E drafting	According to the ENTSO-E workplan, this Network Code is expected to commence drafting in April 2014.	Engagement at the JESG once drafting has commenced
<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, including BSC Modification P295	GB Compliance required by January 2015. ENTSO-E is developing the central EMFIP platform for transparency data.	European Transparency Regulation Implementation Consultation ongoing

# Status of Development of European Electricity Network Codes

09 February 2014

All Future dates are subject to change

Implementation Periods and Comitology dates are 'best guess' and subject to change through the code development / approval process. Dates shown in italics are best approximations based on current understanding.

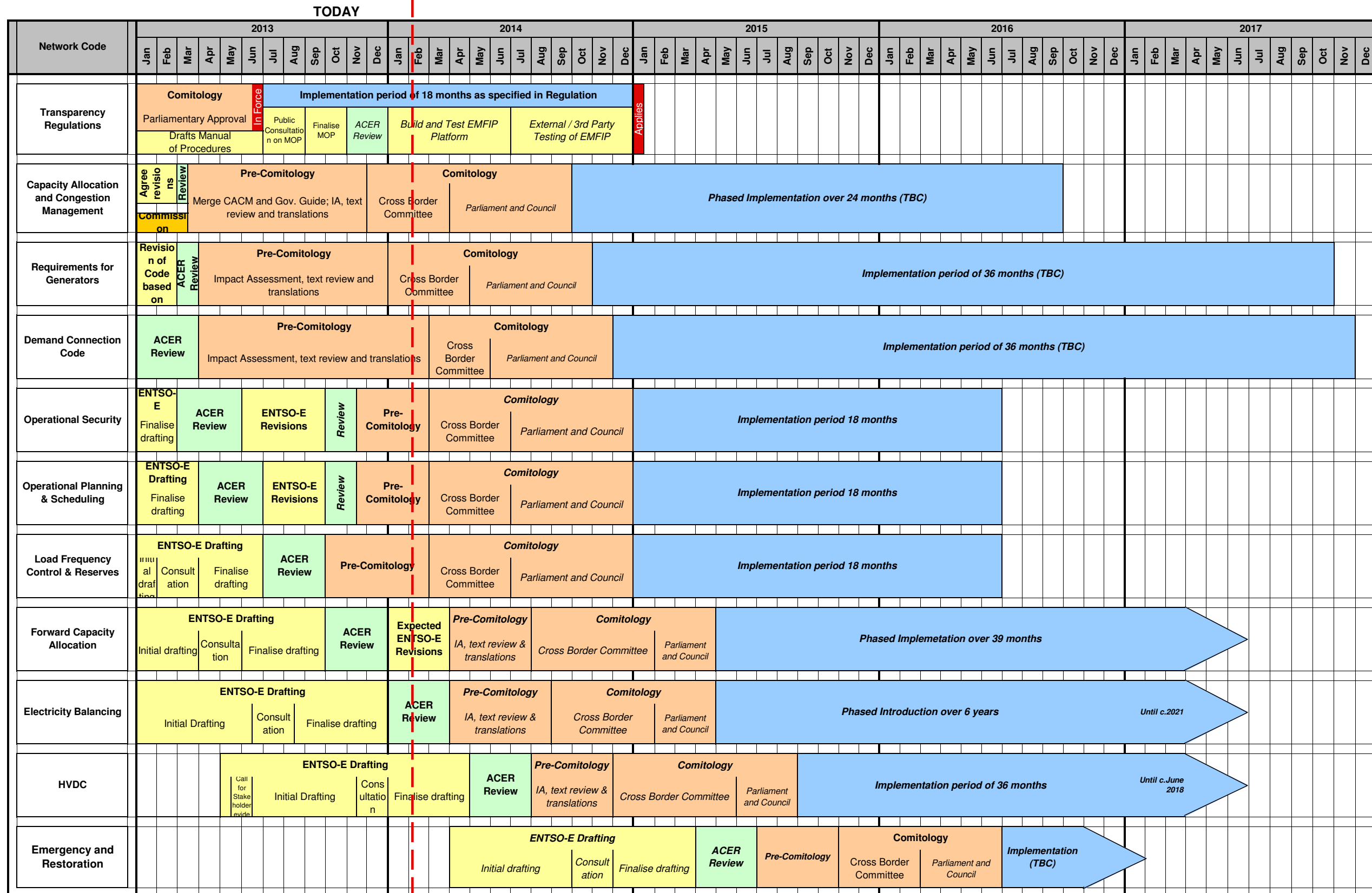
KEY	
<span style="background-color: #90EE90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Activities undertaken by ACER
<span style="background-color: #FFFF00; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Activities undertaken by ENTSO-E
<span style="background-color: #FFD700; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Activities undertaken by European Commission
<span style="background-color: #FFA07A; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Comitology process - led by Commission
<span style="background-color: #FF0000; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Entry into Force / Applicability of Requirements
<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Implementation Period (details TBC)

Prepared by:

nationalgrid

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

It has been necessary to 'round' some dates for the benefits of the diagram.



**Notes**  
 Sequencing of CACM, RFG, DCC, OS, OPS and LFCR through Comitology based on Commission's indications at December Cross-Border Meeting  
 Comitology details for FCA, EB and HVDC based on ENTSO-E Workplan for 2014.