

European Network Codes: Status Update

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

06 March 2014

Network Code	What is it about?	Status	Status Update	Milestones to Completion	GB Stakeholder Opportunity
Connection Codes					
Requirements for Generators	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.	Discussion by the Cross Border Committee has commenced and is expected to continue in Q2/2014 with voting.	To be advised by DECC/Ofgem.
Demand Connection Code	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 understood to be preparing text ahead of cross-border committee discussions.	Discussion by the Cross Border Committee expected to start in March 2014 and continue in Q2/2014 with voting.	Provisional DECC-Ofgem Stakeholder Workshop after April JESG (dependent on text being produced)
HVDC Network Code	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.
Market Codes					
Capacity Allocation and Congestion Management	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.	Discussion by the Cross Border Committee has commenced and is expected to continue in Q2/2014 with voting.	To be advised by DECC/Ofgem.
Forward Capacity Allocation	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
Electricity Balancing	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
System Operation Codes					
Operational Security	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
Operational Planning and Scheduling	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
Load Frequency Control and Reserves	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
Emergency and Restoration	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
Transparency Regulation					
Transparency Regulation	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 (awaiting implementation).	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

06 March 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.

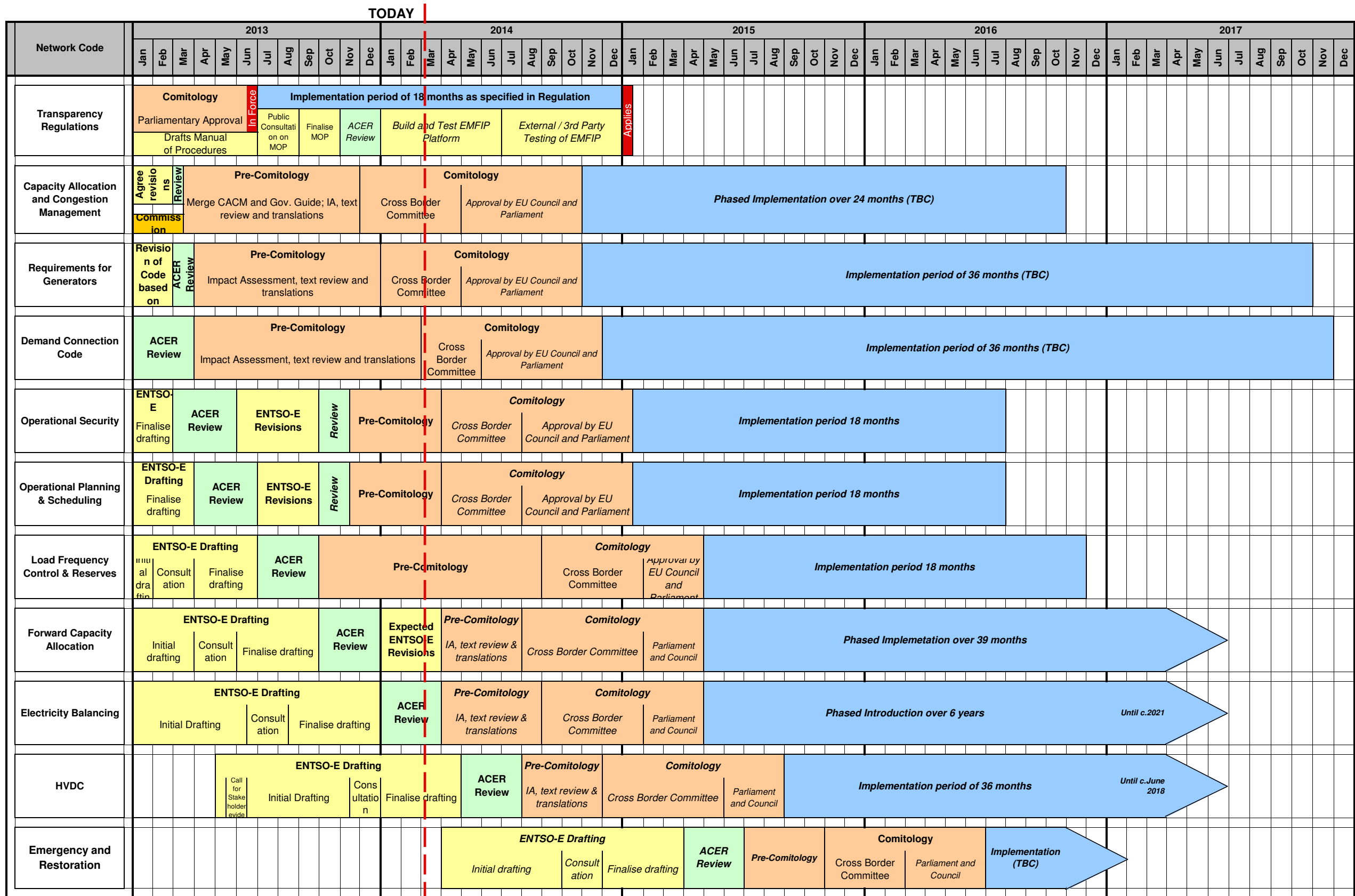
It has been necessary to 'round' some dates for the benefits of the diagram.

KEY	
	Activities undertaken by ACER
	Activities undertaken by ENTSO-E
	Activities undertaken by European Commission
	Comitology process - led by Commission
	Entry into Force / Applicability of Requirements
	Implementation Period (details TBC)

Prepared by:

nationalgrid

europaencodes.electricity@nationalgrid.com



Notes

Sequencing of CACM, RFG, DCC, OS, and OPS through Comitology based on Commission's indications at December Cross-Border Meeting and further meeting agendas

Comitology details for LFCR inferred from Commission's draft 2015 priority list, which aligns LFCR with Balancing

Comitology details for FCA, EB and HVDC based on ENTSO-E Workplan for 2014.