## ENTSO-E Website:

## https://www.entsoe.eu/resources/network-codes/

## 19 February 2013

Framework Guidelines	Network Code	What it's about	Status update	Milestones to completion
Grid Connections	Requirements for Generators  HVDC	Harmonising and updating technical connection requirements for all types of generators to facilitate security of supply, as well as non-discrimination, effective competition and the efficient functioning of the internal electricity market.  Rules for the use of HVDC technology as part of a transmission system and for radially	Final Code submitted to ACER: 13 July 2012.  GB stakeholder workshop to distil key issues held: 2 & 3 August 2012.  ACER workshop held: 3 September 2012.  ACER review on Code published: 13 October 2012.  ENTSO-E status update paper published in December.  Included within the Framework Guidelines for Electricity Grid Connections	Code to be 'improved' or further justification provided by ENTSO-E following ACER opinion. ACER and ENTSO-E close to agreement on changes.  Code to be resubmitted to ACER 8 March 2013, and then Comitology expected to follow after April 2013.  Information session for Stakeholders: 7 March  Awaiting drafting mandate from EC. Formal start expected: 01 2013
		of a transmission system and for radially connected offshore HVDC Power Park Module configurations.	Electricity Grid Connections.  Code identified in EC work programme for development in 2013.	expected: Q1 2013.
Capacity Allocation and Congestion Management	Capacity Allocation and Congestion Management	Aims to couple existing European electricity markets to create a pan European internal market. Harmonising market rules for calculating and allocating capacity in the dayahead and intraday timeframes.	Final Code submitted to ACER: 27 September 2012.  DECC / Ofgem led Stakeholder Workshop to distil key issues: 23 October 2012.  ACER opinion received: 19 December 2012.	ACER opinion highlights eleven areas where the Network Code does not fully comply with the Framework Guidelines. ACER has invited ENTSO-E to address the concerns raised in the opinion and to submit a revised Network Code.  ACER and ENTSO-E are working together to suggest compromise text to allow ACER to submit a qualified recommendation to the Commission.
	Forward Capacity Allocation	Aims to couple existing European electricity markets to create a pan-European internal market. Harmonises market rules for calculating and allocating capacity in the Forwards Markets.	The KPIP (Key Policy Issues Paper) was approved by ENTSO-E Assembly on 26 June 2012.  Drafting commenced: 1 October 2012.	Formal consultation expected: March - April 2013 ACER review of final Code: October - December 2013. Comitology expected: Q1 2014.
Electricity Balancing	Electricity Balancing	Rules for cross-border and domestic exchange of reserves and balancing energy under the Target Operating Model, which is consistent with operational standards.	Drafting commenced: 1 January 2013.	Drafting Continues.  Formal consultation expected: July - August 2013.  ACER review of final Code: Q1 2014  Comitology expected: Q2 2014.
System Operation	Operational Security	Establishes common security principles, including harmonising of quality of system operation and coordination of operational activities. Applicable to TSO, DSOs, generators and consumption.	19 September 2012.  ENTSO-E consultation: 3 September - 3 November 2012.  GB stakeholder workshops (under JESG): 3 & 4 October 2012.  Latest version of Network Code published: 14 December 2012.  ENTSO-E workshop: 20 December 2012.	Code is undergoing final approval within ENTSO-E prior to submission to ACER by 1 March 2013.  ACER review of final Code: March - May 2013.  Comitology expected: Q2 2013.
	Operational Planning & Scheduling	Covers activities and tasks conducted prior to real-time operation and includes outage scheduling, day ahead congestion forecast and N-1 contingency analysis (which could be complemented with other security analyses like e.g. voltage stability analysis), but also the commercial and TSO scheduling processes.	ENTSO-E workshops: 23 May, 25 July, 21 November 2012, 14 February 2013. GB stakeholder workshops (under JESG): 17 & 18 December 2012. Formal consultation completed: 7 January 2013. Latest draft Code published: 7 February 2013.	Code subject to further refinement, prior to submission to ACER by 1 April 2013.  ACER review of final Code: April - June 2013.  Comitology expected: Q3 2013.
	Load Frequency Control & Reserves	Considers the real-time balance between generation and demand to control system frequency; to achieve and maintain satisfactory frequency quality in terms of the frequency deviations from the nominal value and how often these deviations occur within a defined time period (standard deviation of frequency).	Drafting commenced: 1 July 2012.  First draft Code published: 4 July 2012.  Initial ENTSO-E workshop: 12 July 2012.  First legal draft of Code released 17 September 2012, in advance of ENTSO-E workshop on 25 September 2012.	