

European Network Code Overview: Update for Code Panels

Update on Codes currently being drafted or revised by ENTSO-E

ENTSO-E Website:

<https://www.entsoe.eu/resources/network-codes/>**21 January 2013**

Framework Guidelines	Network Code	What it's about	Status update	Milestones to completion
Grid Connections	Requirements for Generators	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.	Final Code submitted to ACER: 13 July 2012. GB stakeholder workshop held: 2 & 3 August 2012. ACER workshop held: 3 September 2012. ACER review on Code published: 13 October 2012.	Code to be 'improved' or further justification provided by ENTSO-E following ACER opinion, before ACER can recommend the Code to the European Commission (EC) for adoption. ENTSO-E status update paper published in December. Code to be resubmitted to ACER 6 March 2013, and then Comitology expected to follow after April 2013.
	HVDC	Rules for the use of HVDC technology as part of a transmission system and for radially connected offshore HVDC Power Park Module configurations.	Included within the Framework Guidelines for Electricity Grid Connections. Code identified in EC work programme for development in 2013.	Awaiting drafting mandate from EC. Formal start expected: Delayed until c.March 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 day-ahead and intraday timeframes.	Formal consultation ended 23 May 2012, ~2000 comments received. Initial preliminary opinion from ACER was reasonably positive. ENTSO-E drafting team reviewed Code in light of comments received: June - August 2012. Revised draft of Code published: 16 July	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. ENTSO-E are not willing to resubmit and instead are working with ACER and EC to find common ground.
	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: April - May 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.	ACER Framework Guidelines published: 18 September 2012.	Formal drafting commenced 1 January 2013, after receiving Commission mandate 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.	ENTSO-E workshop: 20 Apr 2012, 2 July 2012, 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 is revising the Code following the public consultation in which 1220 comments were received. ENTSO-E workshop: 20 December 2012. Code due to be submitted to ACER: End February 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.	Latest draft Code published: 7 November 2012. ENTSO-E workshops: 23 May, 25 July, 21 November 2012. GB stakeholder workshops (under JESG): 17 & 18 December 2012. Formal consultation completed: 7 January 2013.	ENTSO-E is revising the Code following the public consultation in which 830 comments were received. ENTSO-E workshops: 14 February 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.	ENTSO-E Workshops: 12 March, 25 April 2013. Formal consultation expected: February - March 2013. GB stakeholder workshops (under JESG): 7 & 8 March 2013. ACER review of final Code: July - September 2013. Comitology expected: Q4 2013.