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

04 February 2015

Network Code	What is it about?	<u>Status</u>	Status Update	Milestones to Completion
Connection Codes				
Requirements for	Sets functional requirements which new generators	Comitology	Updated RfG draft text was released by the	Following the release of the 21 January 2015
Generators	connecting to the network (both distribution and	preparations &	Commission to Member states on 21 January	text, discussions by the Cross-Border Committee
	transmission) will need to meet, as well as responsibilities	Informal	2015. This is ahead of the Cross-Border	are expected to commence on 4 February 2015.
	on TSOs and DSOs .	discussions	Committee.	, , , , , , , , , , , , , , , , , , , ,
Demand Connection Code	Sets functional requirements for new demand users and	Comitology	Draft text was released by the Commission in	Discussions by the Cross-Border Committee are
	distribution network connections to the transmission	preparations &	March 2014 ahead of the Cross-Border	expected to commence after RfG and possibly
	system, basic Demand Side Response capabilities, as well		Committee. Further preparation is believed to be	FCA.
	as responsibilities on TSOs and DSOs.	discussions	ongoing.	
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HVDC Network Code	Sets functional requirements for HVDC connections and	Comitology	With the European Commission ahead of	ENC with Commission for preparations for
İ	offshore DC connected generation.	preparations &	Comitology.	Comitology.
	3	Informal	3,	3,
		discussions		
Market Codes				
Capacity Allocation and	Creates the rules for operating pan-European Day Ahead	Comitology	Following formal voting at the Cross-Border	Subject to approval by the European Parliament
Congestion Management	and Intraday markets, explains how capacity is calculated	preparations &	Committee, CACM was adopted by Member	and Council, CACM is expected to be adopted by
Guideline	and explains how bidding zones will be defined. Includes	Informal	States in Comitology on 5 December 2014.	Member States in Q2 2015.
	the Governance Guidelines which provide a robust, reliable	discussions	CACM will now be passed through to the	
	and non-discriminatory European Union governance		European Parliament and Council for further	
	framework for the operation of market coupling across		scrutiny.	
	Europe.		,	
Forward Capacity Allocation	Sets out rules for buying capacity in timescales before Day	Comitology	With the European Commission ahead of	ENC with Commission for preparations for
	Ahead and for hedging risks.	preparations &	Comitology.	Comitology.
	0 0	Informal	0,	0,
		discussions		
Electricity Balancing	Sets out the rules to allow TSOs to balance the system	ACER review of	ACER is reviewing the ENC following ENTSO-E	ACER recommendation due followed by
	close to real time and to allow parties to participate in those	ENTSO-E revision.	Revisions.	Comitology preparations.
	markets.			3,1 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
System Operation Codes				
Operational Security	Sets common rules for ensuring the operational security of	ENTSO-E	At the Florence Forum, the Commission indicated	
	the pan European power system.	preparing redrafting	that further drafting is likely to be required to allow	through Comitology.
		on Commission's	the Network Code to enter in to force as a	
		request	'Network Code'.	
Operational Planning and	Explains how TSOs will work with generators to plan the	ENTSO-E	At the Florence Forum, the Commission indicated	
Scheduling	transmission system in everything from the year ahead to	preparing redrafting	that further drafting is likely to be required to allow	through Comitology.
	real time.	on Commission's	the Network Code to enter in to force as a	
		request	'Network Code'.	
	Provides for the coordination and technical specification of	ENTSO-E	At the Florence Forum, the Commission indicated	
Reserves	load frequency control processes and specifies the levels	preparing redrafting	that further drafting is likely to be required to allow	through Comitology.
	of reserves (back-up) which TSOs need to hold and	on Commission's	the Network Code to enter in to force as a	
	specifies where they need to be held.	request	'Network Code'.	
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Emergency and Restoration	Ensures that efforts of restoration after a major disturbance	ENTSO-E Drafting	ENTSO-E has released a revised draft of the	Anticipated further stakeholder engagement on
	or blackout are well coordinated at led by TSOs within a		ENC which has taken into consideration the	the updated text and expect final draft of the ENC
	synchronous areas, and no individual action or attempts	1	stakeholder views on the previous version.	will be delivered to ACER for review in April 2015.
	adversely affect the re-establishment of system operation	1	Stakeholder engagement on this new draft is due	
	as soon as possible		to progress in February.	
Transparency Regulation		l		
Transparency Regulation Transparency Regulation	Establishes a minimum common set of data relating to	GB Implementation	ENTSO-E has finalised the central Electricity	GB Compliance met in January 2015 and
Transparency Negulation	generation, balancing, transmission and consumption of	25 implementation	Market Fundamental Information Platform	'ENTSO-E Transparency Platform' now live.
	electricity which need to be made available to market	1	(EMFIP) platform for transparency data and on 5	LIVIOO-L Hansparency Flationii now live.
	participants. It also provides for a central collection and		January 2015 they launched the 'ENTSO-E	
	publication of the data.	1	Transparency Platform'.	
	publication of the data.	1	Transparency Flationit.	
	1		1	1

Status of the European Electricity Network Codes and Guidelines Development 04 February 2015 KEY Prepared by: nationalgrid Activities undertaken by ACER Implementation Period (details TBC) Please note: All future indications for the Comitology Activities undertaken by European Commission Entry into Force / Applicability of Requirements process are unknown, therefore all dates, associated processes and implementation periods contained Activities undertaken by ENTSO-E Code Revisions (details TBC) uropeancodes.electricity@nationalgrid.com within this document are 'best guess' and subject to change. TODAY Network Code Implementation Window Apr Comitology Implementation period of 18 months as specified in Regulation Transparency Parliamentary Approva Build and Test EMFIP Regulations ACER External / 3rd Party MOP Testing of EMFIP on MOR of Procedures Capacity Allocation XBC Parliament and Phased Implementation over 24 months and Congestion **Comitology Preparations** discus Council Approval (TBC) (Times ale TBA) Management ions XBC Parliament and Council of Code Requirements for **Comitology Preparations** discus Approval (Timescale Implementation period of 36 months (TBC) ased o Generators ACER TBA) Demand Connection ACER Comitology **Comitology Preparations** Implementation period of 36 months (TBC) Code Review (TBC) **ENTSO-E Drafting Forward Capacity** ACER ENTSO-E Comitology **Comitology Preparations** Phased Implementation over 39 months (TBC) Allocation Consult Review Revisions (TBC) Finalise drafting drafting ation **ENTSO-E Drafting** Implementation period of 36 months. **ACER** Comitology HVDC Comitology Preparations Until cJune 2018 (TBC) Review Initial Drafting Finalise drafting (TBC) ultati ENTSO-Е ACER ENTSO-E Network Code with FU Comitology Implementation period 18 months **Operational Security** inalis Review Revisions Commission (TBC) (TBC) Drafting ACER ENTSO-E Operational Planning Network Code with EU Comitology Implementation period 18 months Redrafting on Commission's request Finalise & Scheduling (TBC) (TBC) Review Revisions Commission drafting **ENTSO-E Drafting** Load Frequency ACER ntation period 18 months Network Code with EU Comitology Redrafting on Commission's request Finalise (TBC) (TBC) Control & Reserves Review Commission ation drafting ENTSO-E Drafting Phased Introduction over 6 years. Until c.2021 ACER Comitology **Electricity Balancing ENTSO-E Revisions** Consult Review Initial Drafting Finalise drafting ation **ENTSO-E Drafting**

ACER

Review

Initial drafting

Consultation

Emergency and

Restoration

Comitology

(TBC)

Implementation

(TBC)