European Electircity Codes: Status Update

07 August 2014

Network Code	What is it about?	Status	Status Update	Milestones to Completion	Next GB Stakeholder Session
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 preparations	Draft text was released by the Commission in January 2014, ahead of the Cross-Border Committee. The French Government has issued a paper querying a number of the technical requirements. An updated draft is anticipated.	Informal discussions by the Cross-Border Committee are expected to continue shortly, with voting to follow.	TBA
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 preparations	Draft text was released by the Commission in March 2014 ahead of the Cross-Border Committee. Mandatory Demand Side Response provisions have been removed from the Network Code.	Informal discussions by the Cross-Border Committee are expected to continue shortly, with voting to follow. ACER have been asked to redraft the derogations section.	TBA
HVDC Network Code	Sets functional requirements for HVDC connections and offshore DC connected generation.	ACER Review	With the European Comission ahead of Comitology.	ACER recommendation sent to the European Commission.	TBA
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 preparations	Commission has confirmed that CACM will proceed as a Guideline and not a Network Code. New CACM text released to member states ahead of Cross Border Committee Meetings.	Formal Voting of the Cross-Border Committee expected to follow in due course.	August JESG (Edinburgh)
Forward Capacity Allocation	Sets out rules for buying capacity in timescales before Day Ahead and for hedging risks.	Comitology preparations	ACER had requested that amendments be made to the Network Code on the areas of firmness and timescales for Terms and Conditions. ENTSO-E has made amendments and returned FCA to ACER for review. ACER has submitted the Code with a qualified recommendation to the Commission.	Commission is expected to redraft as a Guideline (see CACM), and proceed through Comitology later in 2014.	TBA
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 Review after ACER Opinion	ACER has requested that amendments be made to the Network Code on the areas of ● Incentives on balance responsible parties to be balanced or help the electricity system to be balanced. ● A consistent framework to foster competition between balance service providers. ● Efficiency of balancing actions performed by TSOs.	ENTSO-E is expected to revise aspects of the Network Code. ACER will then re-review the changes ahead of Comitology	August JESG (Edinburgh)
System Operation Codes					
Operational Security	Sets common rules for ensuring the operational security of the pan European power system.	Comitology preparations	The text was received by the Commission from ACER after a qualified Recommendation in November 2013.	At the Florence Forum, the Commission indicated that further drafting is likely to be required to allow the Network Code to enter in to force as a 'Network Code'. Further details of process and responsible parties to be determined.	TBA
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 preparations	The text was received by the Commission from ACER after a qualified Recommendation in November 2013.	At the Florence Forum, the Commission indicated that further drafting is likely to be required to allow the Network Code to enter in to force as a 'Network Code'. Further details of process and responsible parties to be determined.	TBA
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 preparations	In pre-Comitology stage. The text was received by the Commission from ACER after a qualified Recommendation in October 2013.	At the Florence Forum, the Commission indicated that further drafting is likely to be required to allow the Network Code to enter in to force as a 'Network Code'. Further details of process and responsible parties to be determined.	TBA
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	ENTSO-E Drafting	Mandate to commence drafting received by ENTSO-E on April 1 2014.	ENTSO-E have now published the first draft and this is available on for view on their website.	August JESG (Edinburgh)
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.	GB Compliance required by January 2015. ENTSO-E is developing the central EMFIP platform for transparency data.	TBA

Status of Development of European Electricity Codes

07 August 2014

All future indications for comitology are based on details released by European Commission at Florence Forum in May 2014. All future dates, asociated processes, and implementation periods are 'best guess' and subject to change.

KEY

- **Activities undertaken by ACER** (green)
- **Activities undertaken by European Commission** (orange)
- **Activities undertaken by ENTSO-E** (yellow)
- **Implementation Period (details TBC)** (blue)
- **Entry into Force / Applicability of Requirements** (red)
- **Code Revisions (details TBC)** (grey)

TODAY

Timeline spans 2013, 2014, 2015, 2016, 2017 (Jan–Dec each year). TODAY marker at ~Aug 2014.

Transparency Regulations
- Comitology / Parliamentary Approval
- Drafts Manual of Procedures
- In Force
- Public Consultation on MOP
- Finalise MOP
- ACER Review
- Build and Test EMFIP Platform
- External / 3rd Party Testing of EMFIP
- Implementation period of 18 months as specified in Regulation
- Applies

Capacity Allocation and Congestion Management
- Agree revisions / Revie / Commission
- Comitology Preparations: Merge CACM and Gov. Guide; Impact Assessments, text review and other preparatory tasks
- Informal Cross-Border Committee (XBC) discussions
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Phased Implementation over 24 months (TBC)

Requirements for Generators
- Revision of Code based on / ACER Review
- Comitology Preparations: Impact Assessments, text review and other preparatory tasks
- Informal Cross-Border Committee (XBC) discussions
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Implementation period of 36 months (TBC)

Demand Connection Code
- ACER Review
- Comitology Preparations: Impact Assessments, text review and other preparatory tasks
- Informal XBC discussions
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Implementation period of 36 months (TBC)

Operational Security
- ENTSO-E Finalise drafting
- ACER Review
- ENTSO-E Revisions
- Review
- Network Code with EU Commission
- Redrafting expected by Commission Process and parties TBD
- Preparation
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Implementation period 18 months

Operational Planning & Scheduling
- ENTSO-E Drafting / Finalise drafting
- ACER Review
- ENTSO-E Revisions
- Review
- Network Code with EU Commission
- Redrafting expected by Commission Process and parties TBD
- Preparation
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Implementation period 18 months

Forward Capacity Allocation
- ENTSO-E Drafting: Initial drafting; Consultation; Finalise drafting
- ACER Review
- ENTSO-E Revisions
- Review
- Pre-Comitology: Network Code with EU Commission; Informal XBC discussions
- Comitology: Formal XBC Voting; Parliament and Council
- Phased Implementation over 39 months

Load Frequency Control & Reserves
- ENTSO-E Drafting: Initial drafting; Consultation; Finalise drafting
- ACER Review
- Network Code with EU Commission
- Redrafting expected by Commission Process and parties TBD
- Preparation
- Informal XBC discussions
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Implementation period 18 months

Electricity Balancing
- ENTSO-E Drafting: Initial Drafting; Consultation; Finalise drafting
- ACER Review
- ENTSO-E Revisions
- Review
- Preparation
- Informal XBC discussions
- Comitology: Formal XBC Voting; Approval by EU Council & Parliament
- Phased Introduction over 6 years — Until c.2021

HVDC
- ENTSO-E Drafting: Call for Stakeholder; Initial Drafting; Consultation; Finalise drafting
- ACER Review
- Comitology Preparations: Impact Assessments, text review; Informal XBC discussions
- Comitology: Formal XBC Voting; Parliament and Council
- Implementation period of 36 months — Until c.June 2018

Emergency and Restoration
- ENTSO-E Drafting: Initial drafting; Consultation; Finalise drafting
- ACER Review
- Comitology Preparations: Impact Assessments, text review and other preparatory tasks; XBC discussions
- Comitology: Formal XBC Voting; Parliament and Council
- Implementation (TBC)