

European Electricity Codes: Status Update

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

04 November 2014

| Network Code | What is it about? | Status | Status Update | Milestones to Completion |
|--|---|--|--|--|
| 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. | Discussions by the Cross-Border Committee are expected to commence after CACM. |
| 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. | Discussions by the Cross-Border Committee are expected to commence after CACM, Rf G and FCA. ACER have been asked to re-draft the derogations section. |
| HVDC Network Code | Sets functional requirements for HVDC connections and offshore DC connected generation. | Comitology preparations | With the European Commission ahead of Comitology. | Code with Commission for preparations for Comitology. |
| 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 in Q4 2014. |
| 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 Network Code with a qualified recommendation to the Commission. | Code with Commission for preparations for Comitology. |
| 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. | ACER review of ENTSO-E revision. | ACER has requested that amendments be made to the Network Code on the areas of <ul style="list-style-type: none"> • 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 has revised and submitted the code to ACER. | ACER will re-review the code ahead of an expected recommendation and then Comitology. |
| System Operation Codes | | | | |
| Operational Security | Sets common rules for ensuring the operational security of the pan European power system. | ENTSO-E preparing redrafting on Commission's request | 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'. |
| 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. | ENTSO-E preparing redrafting on Commission's request | 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'. |
| 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. | ENTSO-E preparing redrafting on Commission's request | 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'. |
| Emergency and Restoration | Ensures that efforts of restoration after a major disturbance or blackout are well coordinated and 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 | Initial draft completed by ENTSO-E and stakeholder consultations on this draft are in progress. | Anticipated stakeholder consultations completed and final draft of the code delivered to ACER for review in Q1 2015. |
| 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. |

Status of the European Electricity Codes Development

04 November 2014

Please note: All future indications for the Comitology process are unknown, therefore all dates, associated processes and implementation periods contained within this document are 'best guess' and subject to change.

| KEY | |
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| Activities undertaken by ACER | Implementation Period (details TBC) |
| Activities undertaken by European Commission | Entry into Force / Applicability of Requirements |
| Activities undertaken by ENTSO-E | Code Revisions (details TBC) |

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