Updates on
Operational Planning & Scheduling Network Code &
Operational Security Network Code

JESG – 17th September 2013

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Agenda

- Brief recap of OP&S code and the OS code

- Timeline

- Revisions to OP&S NC

- Revisions to OS NC

- Questions

OP&S Code

- 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.

OS Code

- Covers definition of what is a SGU, system states and reporting, principles of system security (N-1), voltage control, fault levels, thermal constraints, stability and special protections. A key area covered is data provision obligations . Also covers TSO control room staff training and certification and annual performance reporting.

Timeline for OP&S

•Activity	•Date
•ACER publishes Framework Guidelines (FG)	•1st December 2011
•Mandated Start date from EC inviting ENTSO-E to develop Network Code	•1 April 2012
•ENTSO-E Public Workshop	•19 March 2012 •23 May 2012
•ENTSO-E Public Workshop	•25 July 2012
•Assembly approval of draft Network Code	•2nd November
•Formal Consultation Starts	•7th November 2012
•ENTSO-E Public Workshop (during consultation)	•20/21 November 2012
•JESG OP&S Workshop	•17/18 December 2012
•Formal Consultation Ends	•7 January 2013
•ENTSO-E Public Workshop (after consultation)	•30 January 2013
•Final Network Code submitted to ACER:	•1st April 2013
•ENTSO-E Public Information Session on OS and OP&S codes	•16 Sept 2013
•Re submission of Network Code to ACER:	•Nov 2013
•Network Code applies from:	•2014

The timeline for OS NC was 2-3 months ahead of the OP&S but going forward both Codes are being submitted and finalised in parallel

Revisions to OP&S NC

- Fundamentals of code have remained unchanged, the revisions has been around developing the descriptiveness of the code and legal wording improvements.

Revisions to OS NC

- Fundamentals of the code have remained unchanged, the revisions have been mainly around consistency and clarity of the code and legal wording improvements.

- See ENTSO-e stakeholders workshop 16/9/13 material

Revisions to OP&S NC

Defining more accurately :-

- NRA oversight

- Transparency

- Coherence with other codes

- Performance Indicators

- "Self Planned Interconnectors"

- Legal texts

Revisions to OS NC

- Taken on board the ACER opinion

- Input from DSO expert group on data and testing

- Improvements to readability and consistency with other Network Codes

- Refining and improvements to defining e.g.

    - What is a Significant Grid User for the OS NC

    - NRA oversight

    - Performance Indicators

    - Criteria for requesting a compliance test

- Updated Legal texts

Questions?

Slides from the ENTSO-E public information session held on 16 September, can be found at:

- *https://www.entsoe.eu/major-projects/network-code-development/operational-security/*
- *https://www.entsoe.eu/major-projects/network-code-development/operational-planning-scheduling/*

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