

23rd System Operation European Stakeholder Committee (SO ESC)

1 December 2022, 14:00-15:30

Online

Draft Minutes

Participants		
Uros	Gabrijel	ACER (Chair)
Felipe	Castro Barrigon	European Commission
Eric	Dekinderen	VGB Powertech
Klaus	Oberhauser	VGB Powertech
Maria	Barroso Gomes	ACER
Mariia	Melnychenko	ACER
Pavla	Erhartova	Europex
Marc	Malbrancke	CEDEC
Florentien	Benedict	CEDEC
Gunnar	Kaestle	COGEN Europe
Marco	Pasquadibisceglie	ARERA
Thierry	Vinas	Eurelectric
Mike	Kay	GEODE
Assiet	Aren	CAT
Goran	Drobnjak	GE Gas Power
Raju	Srinivasa	Eugine
Thomas	Holzer	BNetzA
Stein	Ovstebo	IFIEC
Vidushi	Dembi	WindEurope
Michael	Wilch	EDSO for smart grids
Luca	Guenzi	Solar Turbines
Jonathan	Boyer	ENTSO-E/Coreso
Cherry	Yuen	ENTSO-E / Swissgrid
Knud	Johansen	ENTSO-E / Energinet
Victor	Charbonnier	ENTSO-E
Bruno	Gouverneur	ENTSO-E
Luca	Ortolano	ENTSO-E / Terna
Gamze	Dogan	ENTSO-E
Daiga	Dege	ENTSO-E
Jonathan	Boyer	ENTSO-E/ Coreso
Erik	Ahlstrom	ENTSO-E
Georgia	Pastaroucha	ENTSO-E
Anna	Butenko	ENTSO-E
Georgios	Antonopoulos	ACER
Aleksander	Glapiak	ACER
Carla	Wolf	ENTSO-E/APG
Athanasios	Katsikopoulos	
Tobias	van Leeuwen	

1. Opening

1.1. Review of the agenda and approval of minutes

The Chair (Uros Gabrijel) opens the meeting and asks for comments on the agenda. Maria Barroso Gomes will take over for the Chair at the end of the meeting.

Solar Turbines (Luca Guenzi) would like SO ESC to discuss minimum inertia requirement to limit RoCoF in EU electricity system following the dedicated GC-SO ESC webinar of 23 November.

The minutes of last meeting are approved.

1.2. Review of Actions

ENTSO-E (Cherry Yuen) presents the pending actions from previous meeting.

- CGM building software: the list will be provided via email to ACER along with questions from the RCCs.
- The wind eclipse analysis is postponed as the experts are currently dealing with the winter situation.
- KORRR: CEDEC (Marc Malbrancke) asks the rationale for submitting amendments proposals before SO guideline is updated. ENTSO-E clarifies that the update of KORRR methodology is mainly justified by the review of CACM guideline which has been initiated by the European Commission. The Chair notes that the review of CACM is now on hold and requests an alignment between ENTSO-E, ACER, EU DSO Entity and European Commission on the sequence of these different amendments. EU DSO Entity (Michael Wilch) mentions that DSOs would like to prioritise a discussion with ENTSO-E on the amendments on the connection network codes due to resource constraints. Eurelectric (Thierry Vinas) asks if the final amendment proposals will be aligned between ENTSO-E and the EU DSO Entity. ENTSO-E confirms that this is the aim of these future exchanges.

2. Update on implementation actions at pan EU level

ENTSO-E (Cherry Yuen) presents the updates on the implementation actions.

- CSAm: development of a data collection platform for the future methodology on PRA will start early next year.
- KORRR: cf. review of actions
- Publication: ENTSO-E reports on Incidents Classification Scale, Load Frequency Control and Regional Coordination Assessment are now available on ENTSO-E website.
- Network Code Emergency & Restoration: the results of the implementation of article 4(2) were given in the slides, in case of questions stakeholders can reach out to ENTSO-E (Cherry Yuen and Rafal Kuczyński).

3. Update on Winter 22/23 preparation

ENTSO-E (Bruno Gouverneur) provides an update on the coordination efforts put in place by all TSOs of Europe in view of the Winter 22/23 during which tight adequacy supply situations are expected to occur in some countries.

Six workstreams have been active since July to face the challenging winter. They led to technical recommendations, approved by ENTSO-E System Operations Committee, to ensure that all measures are taken to face situation where we might be closer to adequacy risk. One the main results is the establishment of an operational group, gathering all TSOs and RCCs that meet on weekly basis (including also TSOs who are non-members of ENTSOE). The operational group follows the same cycle of activities to collect data and information on adequacy risk weekly. The group decides together which measures have to be activated based on the data and analysis performed.

4. Cybersecurity Network Code (NCCS)

The European Commission (Felipe Castro Barrigon) provides an update on the Network Code Cybersecurity. He presents the content and structure of the network code. The current step refers to the legal review of the code. Then, inter-service consultation and expert group analysis will be launched. As NIS2 has been adopted this week (and will be published soon), the text needs to be updated to include correct referencing to NIS2 (instead of the previous NIS1).

COGEN Europe (Gunnar Kaestle) asks if the network code addresses the "less is more" strategy, meaning if there are two options to fulfil a target, one with a lot of digital communication (which needs to be secured) and another one without, it means having less IT to be secured against malfunction, misuse, etc. The EC mentions the code will identify which processes are critical and then describes on a high-level how they can be secured, but there will be flexibility for concerned entities to tailor the implementation of these rules.

5. Report on CGM Implementation

ENTSO-E (Jonathan Boyer) provides an overview of the Common Grid Model (CGM) implementation. He presents the roadmap for the use of CGM OPDE in RCC Tasks. The priority focus areas for 2023 have been approved. Dedicated attention to everything that facilitates the use of CGM to perform the tasks and all technical IT work needed to make OPDE more efficient and performant.

He explains the main activities on regional coordination which aim at improving the quality and efficiency of data exchanges between TSOs and RCCs. Interoperability testing activity focuses on quality and assesses the rules for quality to facilitate the publication of IGMs and CGM in CGMES format; bilateral calls with TSOs who are facing more challenges to get their IGM will be launched.

6. Update on Tmin FCR LER

ENTSO-E (Luca Ortolano) provides an update on the outcome of the analysis on the long-lasting extraordinary frequency deviations (LLEFDs). These events are usually occurring due to a combination of factors such as:

- Occurrence at night during low load conditions
- Extreme weather condition
- Human error

The analysis demonstrates that such events can influence the proposal for the minimum activation period of FCR provision with LER. The TSOs of Continental Europe confirmed in a dedicated meeting with the NRAs that the frequency profiles used for the proposal made are so far consistent. The Chair explains that the views of the TSOs may not necessarily be aligned with those of the regulators.

Action:

- The stakeholder workshop on Tmin FCR LER, will be organised by ENTSO-E early 2023.

7. AOB

Solar Turbines (Luca Guenzi) argues that there is a need to assess and adjust minimum system/local inertia in order to achieve the target RoCoF values. This general evaluation should be complemented by target values for local RoCoF.

Action:

- ENTSO-E, ACER, EU DSO Entity and European Commission to discuss the sequence of amendments to the grid connection codes and SO Guideline.
- Solar Turbines (Luca Guenzi) will share the presentation with ACER to be distributed to everyone
- ENTSO-E will take the point and check with experts specialising in inertia
- ENTSO-E will distribute the member list as it is for final check/approval by everyone and update the website accordingly end of next week.