

25th System Operation European Stakeholder Committee (SO ESC)

14 June 2023, 14:00-16:00

Hybrid, Brussels/online

Draft Minutes

Participants		
Uros	Gabrijel	ACER (Chair)
Eric	Dekinderen	VGB Powertech
Georgios	Antonopoulos	ACER
Maria	Barroso Gomes	ACER
Evangelina	Vasiliki	ACER
Mariia	Melnychenko	ACER
Florentien Benedict	Benedict	DSO Entity
Pavla	Erhartova	Europex
Marc	Malbrancke	CEDEC
Gunnar	Kaestle	COGEN Europe
Marco	Pasquadibisceglie	ARERA
Thierry	Vinas	Eurelectric
Mike	Kay	GEODE
Freddy	Alcazar	Eugine
Thomas	Holzer	BNetzA
Vidushi	Dembi	WindEurope
Hervé	Bielmann	EU Turbines
Marie	Bourrousse	Eurelectric
Tony	Hearne	Eurelectric
Klaus	Overhauser	VGB Powertech
Raju	Srinivasa	EUGINE
Freddy	Alcazar	EU Turbines
Hervé	Bielmann	EU Turbines
Alice	Belliard	Eurelectric
Luca	Guenzi	EU Turbines
Cherry	Yuen	ENTSO-E / Swissgrid
Victor	Charbonnier	ENTSO-E
Luca	Ortolano	ENTSO-E / Terna
Laurent	Rosseel	ENTSO-E / RTE
Carla	Wolf	ENTSO-E / APG
Habir	Paré Nsangou	ENTSO-E / Coreso
Kacper	Kepka	ENTSO-E

1. Opening

1.1. Review of the agenda, approval of last meeting minutes

The Chair (Uros Gabrijel) opens the meeting and asks for comments on the agenda.

The minutes of last meeting are approved with the implementation of comments received from GEODE, EU Turbines and the European Commission.

Eurelectric (Marie Bourrousse) would like the principles for Regional Operational Security Coordination methodologies to be discussed in the next SO ESC meeting. These methodologies are developed at Capacity Calculation Regions level. An overview of the parameters for free implementation in different regions would be welcomed since stakeholders might be affected based on the implemented redispatching and countertrading.

The following topic was added in the AOB:

- COGEN Europe (Gunnar Kaestle) would like to raise an issue related to non-deterministic frequency deviations.

Actions:

- ENTSO-E will prepare an overview of ROSC methodologies implementation for SO ESC September meeting.

1.2. Review of Actions

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

- On DFD, ENTSO-E will provide the update on deterministic frequency deviation (DFD) mitigating measures by the next SO ESC meeting.

Eurelectric (Marie Bourrousse) asks if the possibility of an incident like Nordlink on other HVDC links has been analysed. ACER (Uros Gabrijel) asks ENTSO-E to coordinate an analysis of this issue with TSOs owning HVDC links. Eurelectric further asks if the incident is due to a wrong parametrisation or a cyber-attack.

Actions:

- ENTSO-E will investigate with relevant TSOs for conducting an analysis of processes in place in case of HVDC malfunctioning in the context of the root cause of the incident on the Nordlink (cyber-attack/wrong parametrisation).

2. Update on the implementation actions at pan EU level

ENTSO-E (Cherry Yuen) presents update on:

- Launch of a public consultation on amendments proposals to the Coordinated Security Analysis methodology (CSAm)
- Discussion on Key Organisational Roles Responsibilities Requirements (KORRR) methodology amendments proposals between ENTSO-E and DSO Entity
- Connection agreements between Ukraine/Moldova and Continental Europe
- Analysis of standards used by TSOs for the implementation of the KORRR methodology

Eurelectric (Marie Bourrousse) asks ENTSO-E or ACER will further engage with stakeholders on the outcomes of the public consultation on the probabilistic dimensioning of Frequency Containment Reserves (FCR) and how this might impact the proposal for minimum activation time (Tmin) for FCR providers by Limited Energy Reservoirs. ENTSO-E (Luca Ortolano) explains that stakeholders' inputs are being reviewed.

Actions:

- ACER asks ENTSO-E for an update to SO ESC on the probabilistic risk assessment (PRA) methodology

3. Update on Tmin FCR LER

ENTSO-E (Luca Ortolano) presents the status of work in progress on the proposal for Tmin for FCR by LER. For the supporting cost benefit analysis (CBA), he explains that TSOs are assessing the impact of long lasting extraordinary frequency deviation events (LLEFD) and new costs for FCR provisions by LER and non-LER. Stakeholders will be consulted on the updated cost approach as well as on other new technical parameters; another public consultation is run in parallel for probabilistic FCR dimensioning methodology. Final results will be available in the second half of next year.

Eurelectric (Marie Bourrousse) asks when the probabilistic FCR dimensioning methodology will be published. ARERA (Marco Pasquadisceglie) clarifies that the final version will be available next year.

COGEN Europe (Gunnar Kaestle) asks why LER, which are mostly batteries, would not be required to have a faster response which would reduce the risk of a large nadir. ENTSO-E (Luca Ortolano) explains that according to the existing requirements in the SO GL and the SAFA (Synchronous Area Framework Agreement for CE SA), the ramping/activation must be done as soon as possible so batteries must not slow down their ramping to match with that for other technologies.

VGB Powertech (Eric Dekinderen) asks which stakeholders will be consulted. ENTSO-E clarifies this will be a public consultation.

Eurelectric (Marie Bourrousse) recommends that calculation should be adapted as to reflect the alignment of the market time unit and imbalance settlement period to 15 minutes from 2025 onwards.

Actions:

- If no public workshop is scheduled, ENTSO-E will provide an update on the FCR probabilistic dimensioning methodology at the next SO ESC, notably the outcomes of the public consultation.

4. Update on Winter 22/23 preparation

ENTSO-E (Laurent Rosseel) presents the different workstreams in the dedicated Task Force established by TSOs ahead of Winter 22/23 and their status:

- Survey to identify and evaluate operational risks;
- Monitoring and review of the seasonal outlook;
- Countermeasures to be coordinated between TSOs;
- Assessment of existing procedures and training of operational staff at TSOs;
- Crisis communication procedure;
- Feedback analysis/lessons learnt.

TSOs are following up with specific discussion on load shedding measures and its impact across borders.

ENTSO-E is organising a new cooperation group between TSOs and RCCs to assess the situation of each country based on individual TSOs contribution and RCC Short-Term Adequacy analysis.

COGEN Europe (Gunnar Kaestle) asks if the next Winter will be worse or better than the previous one. ENTSO-E (Laurent Rosseel) explains this is not possible to say yet because the seasonal outlook process (for Winter Outlook) is still being discussed and certain variables are difficult to predict so much in advance, e.g. level of hydro reservoirs.

5. Common Grid Model (CGM) Implementation

ENTSO-E (Habir Paré Nsangou) presents the status of CGM Implementation. He highlights the use of the operational planning data environment (OPDE) for the purpose of data exchange between TSOs and with RCCs and for the storage of the Common Grid Model (CGMs) which support the RCC tasks.

The CGM solution is live since December 2021, but each RCC task use a different subset of timeframes. The use of CGM for each task is therefore planned stepwise while quality of CGM delivery is continuously improved in parallel according to clear model quality requirements.

Main focus areas for 2023 and their implementation are presented:

- OPDE delivery and usage: the release of OPDE is ongoing and ENTSO-E supports TSOs to ensure their participation;
- Grid modelling: continuous review takes places to improve the effectiveness of all TSO-RCC modelling
- Use of CGM in operational processes.

He then presents the overview of the readiness of each task per regions.

6. Update on amendments proposals to KORRR methodology

ENTSO-E (Cherry Yuen) presents the status of the amendment proposals to the KORRR methodology which ENTSO-E initiated in 2022 due to the potential repeal of the Generation and Load Data Provision methodology (GLDPM) which would be the consequence of the amendments of the Capacity Allocation and Congestion Management Guidelines.

Following SO ESC discussion and ACER guidance, ENTSO-E engaged with data exchange experts of the DSO Entity on the amendment proposals. An overview of the discussion is provided:

- It is still uncertain if the amendment proposals can be submitted to ACER/National Regulatory Authorities prior to a reopening of the overarching System Operation Guidelines framework (clarification by European Commission is still pending);
- DSOs question that CACM and related GLDPM obligations would be applicable to them, which could affect the provision of remedial actions which is critical for TSOs observability;
- DSOs would like to be involved in the process of defining the refresh rate of the real time data if changed, which is however a key requirement in the context of balancing services which is a TSO responsibility.

About the first point, ACER explains that there is no urgency to amend the KORRR methodology because the CACM amendments are now on hold due to the electricity market design reform which will have an impact on several underlying regulations. If a legal issue risk to arise from the repeal of the GLDPM, it is possible to make use of so-called “sunset clause” to ensure robustness of the regulatory framework.

About the second point, the DSO Entity (Mike Kay) states that the requirement is not unreasonable, but it would be helpful to clarify what the legal basis is before triggering further changes to other regulation. ACER explains that they will liaise with European Commission on this.

About the third point, the DSO Entity (Mike Kay) explains that many DSOs have invested significantly to upgrade their IT systems to match the 1 min refresh rate threshold as per KORRR. Opening the possibility to reexamine the threshold creates uncertainty and a risk of additional investments. The DSO Entity (Florentien Benedict) explains that if such threshold is changed, DSOs would like to be involved in that decision because they also require real-time measurements.

ACER notes that the decision would depend on the purpose for the real-time measurement and to what extent differentiated requirements would affect market competition. Marco asks that if a common solution between TSO and DSO is the intended consequence of the amendment proposals, it should be drafted in a way that it says “in agreement” because “in coordination” means a mere involvement.

ENTSO-E (Cherry Yuen) proposes that, based on the feedback from various stakeholders and authorities collected today, the amendment proposals should be deprioritised until the EC provides clarity on the review of the relevant network codes and guidelines.

7. AOB

Implementation of Art.39 of SO GL - Follow up of RoCoF discussion

ENTSO-E (Cherry Yuen) presents ENTSO-E views on the implementation of the article 39 of SO GL. She further explains ongoing related work carried out by ENTSO-E:

- Inertia project phase II: it is an update of previous studies which aims to quantify minimum inertia for Continental Europe in different system split scenarios. First results for external dissemination should be available by end of 2023.
- Defence plan evaluation: this will be the next step of the aforementioned project. It will further assess the requirements necessary to address potential system splits and other additional measures. The first results for external dissemination will be available by end of 2024

EU Turbines (Luca Guenzi) informs that a presentation on the evolution of RoCoF requirements in the Requirements for Generators Network Code can be found in back up part of the SO ESC meeting material. He additionally stresses that stakeholders should be further engaged in the projects mentioned by ENTSO-E. ACER provides further background to the discussion which is linked to debates in the GC ESC meetings. ACER had suggested in this forum that a macro-economic study is provided by TSOs for adapting the overall system design to a net zero emissions power system. Similar to EU Turbines comment, ACER sees stakeholders’ involvement to that study as important and therefore proposes that a joint Expert Group should be created between GC and SO ESC to ensure this.

VGB Powertech (Eric Dekinderen) raises the issue that consumers are missing in that discussion and should be involved. ACER replies that IFIEC is already a member of the ESCs but BEUC could also be reached out to ensure consumers are provided with the opportunity to know and contribute to the debate.

Actions:

- ACER will liaise with GC and SO ESC members to establish the Terms of References of the new Expert Group.

Update on Wind Eclipse

ENTSO-E (Cherry Yuen) provides the revised timeline for assessing the phenomena of "wind eclipse" which had been on hold due to the lack of TSOs resources availability in the context of the difficult Winter 2022/2023.

First results will be presented to the SO ESC in the last meeting of the year. A final analysis and proposed countermeasures is targeted for Q1 2024.

COGEN Europe (Gunnar Kaestle) is interested to support the project team. He also recommends that DFD and non-deterministic frequency deviations are equally monitored.

Actions:

- ENTSO-E will investigate what are the legal conditions to allow for stakeholders' involvement in ENTSO-E working bodies while maintaining confidentiality of sensitive data.