

## 27<sup>th</sup> System Operation European Stakeholder Committee (SO ESC)

30<sup>th</sup> November 2023, 12:30-15:30

Online

### Draft Minutes

Participants		
Uros	Gabrijel	ACER (Chair)
Georgios	Antonopoulos	ACER
Maria	Barroso Gomes	ACER
Evangelina	Vasilaki	ACER
Mariia	Melnychenko	ACER
Slawomir	Bryska	ACER
Serdar	Bolat	DSO Entity
Pavla	Erhartova	Europex
Gunnar	Kaestle	COGEN Europe
Thierry	Vinas	Eurelectric
Mike	Kay	GEODE
Hervé	Biellmann	EU Turbines
Tony	Hearne	Eurelectric
Eric	Dekinderen	VGB Powertech
Stein	Ovstebo	IFIEC
Lisa	Dallinger	BNetzA
Florentien	Benedict	DSO Entity
Klaus	Oberhauser	VGB Powertech
Raju	Srinivasa	EUGINE
Luca	Guenzi	EU Turbines
Abel	Santamaria	EDSO for smart grids
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
Bruno	Gouverneur	ENTSO-E
James	Hellinckx	ENTSO-E
Hanna	Ljungberg	ENTSO-E
Gamze	Dogan	ENTSO-E

## **1. Opening**

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### **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.

The following topics are added in the AOB:

- EU Turbines (Luca Guenzi) will present the report on RoCoF.

Eurelectric (Thierry Vinas) asks about the ongoing Wind eclipse project and if it will analyze situations in which there is a correlated activation of frequency management between many zones. This is linked to the point in ENTSO-E RCC sizing Proposal explanatory document. "RCCs evaluate the risks of simultaneous occurrence of reserve activation among LFC blocs having a sharing agreement in place by comparing the time series of above listed and delivered parameters. More details about the process will be specified during the implementation phase". This point was typically raised for situations with a hazard occurring in several neighbouring countries (e.g. change of wind production in neighbouring countries), but wind eclipses could also be a matter for this, with wind farms stopping at the same moment in neighbouring countries.

ENTSO-E (Cherry Yuen) clarifies that at the first stage of the project, regional measures are not evaluated yet. The project team aims first at understanding how big the issue is and investigating the root causes before looking into mitigation measures, either local or regional.

#### **Actions:**

- ENTSO-E will provide list of acronyms in the presentation and in future ones.

### **1.2. Review of Actions**

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

ENTSO-E (Habir Paré Nsangou) clarifies that the current CGMES format deals with steady state analysis and that future development will allow to take capability into consideration.

The question on the thermo-sensitivity of consumption will be addressed under point 7 of the agenda.

## **2. Update on the implementation actions at pan EU level**

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ENTSO-E (Cherry Yuen) presents update on the reports that are now available and/or will be provided by the end of the year.

ACER received from ENTSO-E the amendments to the Coordinated Security Analysis methodology (CSAm) accounting for the recommendations from the expert panel report on the system split event of January 21 ([link](#) to the documents). These amendments were presented in previous SO ESC meetings. The procedure has started on ACER side, which has 6 months to decide on the amendments.

Eurelectric (Thierry Vinas) asks for more information on the operational agreements between Continental Europe TSOs and Ukrenergo.

ENTSO-E explains that the export/import capacity will be increased from 1,200 MW to 1,700 MW and that a synchronous area framework agreement will be signed in place of the current interconnection agreement.

## **3. Update on T<sub>min</sub> FCR LER and probabilistic dimensioning methodology**

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ENTSO-E (Luca Ortolano) informs SO ESC on the update of the costs to be considered in the cost benefit analysis underpinning Continental Europe TSOs proposal of minimum activation period for FCR providers with limited energy reservoirs. Calls with ACER and NRAs have been held to discuss the update, the organisation of the workshop is pushed to January. On the technical aspects of the mitigation actions performed by the TSOs, a report to present an overview will be drafted.

ENTSO-E (Carmelo Mosca) presents the outcome of the public consultation of the new proposal for FCR dimensioning. The main comments pertain to the:

- Modelling approach e.g. limited energy reservoirs (LER), symmetry of reserve, combination of probabilistic and deterministic method, additional elements to model etc.
- Dimensioning process itself.

The team is currently assessing the comments received.

#### ***4. Update on SO ESC ToR***

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The Chair (Uros Gabrijel) received a few comments on the amended ToRs and those will be addressed in the GC/SO ESC joint session tomorrow. SO ESC members are invited to join the this session.

#### ***5. Risk preparedness for winter 23/24***

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ENTSO-E (Laurent Rosseel) presents the status of Risk preparedness for winter 23/24 and the measures taken by TSOs to minimise and manage risks during the winter period from an operational point of view.

Last winter, ENTSO-E created an Operational Group that met every week to facilitate the collection and sharing of information and the alignment of operational measures between TSOs, RCCs and the Secretariat. The same group and process will be used this winter to face any challenge. Currently, the group is on hold but can be reactivated on demand.

The winter situation this year is expected to be less challenging.

#### ***6. Report on CGM Implementation***

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ENTSO-E (Habir Paré) gives an update on the Common Grid Model (CGM) implementation.

The interoperability tests aim at identifying issues related to the validation tool and/or the rules that performed the check on IGM. Additionally, when a new rule is deployed, it assesses the impact of those on the business process.

The modelling group is working on the quality of IGM/CGM and their business usability to increase the CGM delivery and business usability by RCCs. The survey conducted to identify blockers with regard to delivery and performances is currently under analysis.

These steps will be critical to enable the implementation of many operational services of RCCs in 2025 in the different regions.

#### ***7. Winter Outlook report***

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ENTSO-E (Alban Joyeau) first answered the question on thermo-sensitivity. The correlation between temperature and consumption is now implicitly reflected in the demand modelling of the adequacy study as probabilistic have replaced deterministic method (for which there was indeed a linear demand-temperature curve that could be very relevant for some countries like France). Stakeholders can still calculate the correlation between temperature and electricity temperature by extracting the demand data that are made available online.

The winter Outlook report has been published mid-November. ENTSO-E explains that the adequacy outlook results are looking better than last year thanks to higher hydro levels, favorable planned maintenance schedules (notably of nuclear power plants in France), expected increased production from variable renewable energy sources, and rather stable electricity demand.

Some risks are observed in Finland, France, Belgium and the UK, as well as remote systems (Cyprus, Ireland, Malta),

Eurelectric asks how the flow-based market coupling efficiencies can mitigate adequacy risk in France and its neighbors. ENTSO-E explains that it should allow for a maximisation of import and export capacity between these countries.

ENTSO-E estimates that there will be a lower gas dependency compared to Winter 2022-2023. The critical gas volumes (amount of gas needed to maintain adequacy of electricity supply at all times over December - March period) is estimated to be 10% lower than for the past winter. In addition, favorable weather conditions or/and the implementation of energy saving targets would further decrease the gas needs significantly.

## **8. PRA Biennial report**

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ENTSO-E (Gamze Dogan) announces the upcoming publication of a progress report on the development of the probabilistic risk assessment methodology. Article 44 of the Coordinated Security Assessment methodology requires TSOs to develop this methodology by 31 December 2027 and report on a biennial progress about the developments.

### Actions:

- ENTSO-E will communicate with ESC members as soon as the report is available.

## **9. Update on NC CS**

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The European Commission provides an update on the approval process of the Network Code Cybersecurity. The proposal submitted by ENTSO-E and the DSO Entity was modified by ACER and now reviewed by the European Commission with the support of relevant expert groups. Attention has been paid to align the text with NIS2 and avoid any overlap. A public consultation was organized from 20 October to 17 November. These steps have not led to a significant overhaul of the structure of the code but have clarified interlinks with other regulations and address implementation issues. The adoption of the text is planned for March 2024.

The DSO Entity asks if the SO ESC will address the implementation of the Network Code Cybersecurity. EC and ACER explains that the current proposal includes a generic provision for stakeholders involvement and that ACER will decide on how to implement it, possibly through the creation of a dedicated European Stakeholders Committee, once the Network Code enters into force.

## **10. AOB**

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EU Turbines (Luca Guenzi) presented the Joint position paper on RoCoF ([link](#)). One focus of the paper is the approach to determine RoCoF requirement. EU Turbine welcomes any feedback and discussions with experts on this.

### Actions:

- ENTSO-E will look into the report and spread it with the relevant teams.

COGEN Europe (Gunnar Kaestle) would like to discuss the paper on the impact of droop value. ACER proposes to discuss it during the joint session of GC and SO ESC.