

Data open within ENTSO-E

## 78<sup>th</sup> SYSTEM OPERATIONS COMMITTEE MEETING: MINUTES

Agenda item TOP 12 for decision  
**ENTSO-E System Operations Committee Meeting**  
Date: 29 November 2023  
Time: 08:30 – 16:00 CET  
Place: Brussels/ Webinar

### Participants

RTE	Chair
Amprion	Vice-Chair and Member
Amprion	StG Resilient Operation
Amprion	StG System Resilience Co-Convener
Amprion	Guest
APG	StG Regional Coordination Co-Convener
APG	Member
APG	Guest
AST	Regional Group Baltic Convener
BALTIC RCC	RCC Representative
ČEPS	Member
ČEPS	Substitute
Coreso	Representative
Coreso	Representative
CREOS	Member

CGES	Member
EirGrid & SONI	Member
EirGrid	Regional Group Ireland Convener
EirGrid	StG System Resilience Co-Convener
Elering	Member
ELES	Member
Elia	Member
Elia	Guest
Energinet	Member
Energinet	StG Strategy Convener
ENTSO-E Secretariat	Organiser
FINGRID	Member
HOPS	Member
IPTO	Member
JP EMS	Member
JP EMS	Substitute Member
Litgrid	Member
MAVIR	Member
MAVIR	Guest
MEPSO	Member
Nordic RCC	Representative
NOS BiH	Member
OST	Member
PSE	Member
REE	Member

REN	Member & Regional Group Continental Europe Convener
RTE	Member & StG Operations Convener
RTE	Guest
RTE	Guest
SCC	Representative
Selene CC	Representative
SEPS	Member
Statnett	Member & Regional Group Nordic Representative
Svenska Kraftnät	Member
Swissgrid	Member
Swissgrid	StG Operational Framework Convener
TenneT TSO B.V.	Member
TenneT TSO B.V.	Guest
TenneT TSO GmbH*	Member
Terna	Member
Terna	Substitute Member
Terna	StG Regional Coordination Co-Convener
Terna	Guest
Transelectrica	Member
Transnet BW	Member
TSCNET	Representative
TSCNET	Representative
TSO Cyprus	Substitute
VUEN	TSO Representative
50Hertz	50Hertz Proxy given to Elia

## Minutes

### 1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 78<sup>th</sup> System Operations Committee meeting which takes place in hybrid format (physical presence and teleconference). The Agenda is approved with the agreed changes.

The SOC Chair thanks the Regional Group Continental Europe for the successful approval of the permanent synchronisation of Ukrenerg to the CE grid taken during its meeting on 28 November 2023.

The SOC Chair and Vice Chair update the Committee on latest news from the General Assembly, Board, and Resource committee.

The SOC Chair presents for election a number of convenorship roles for different SOC structures, but as well the representation of SOC in the new Expert Group TSO – DSO at Board level.

#### DECISIONS

- The SOC Chair notes that the meeting is quorate.
- The SOC Chair notes that the Agenda is approved.

#### TOP 1.3 Elections

SOC:

- Acknowledges the Chairperson decision to proceed by applause and decides on the following appointments:
  - Approves the nominees from Amprion and EirGrid as Steering Group Resilient Operation conveners for a two-year mandate starting 30 November 2023.
  - Approves the nominee from TSCNET as Working Group Monitoring and Reporting convener for a two-year mandate starting 30 November 2023.
  - Approves the nominee from Terna and Red Eléctrica as Working Group European Innovative Dynamics and Protections conveners for a two-year mandate starting 30 November 2023.
  - Approves the nominee from PSE as Working Group Operational Framework Methodology for Evaluation convener for a two-year mandate starting 01 February 2024.
- Appoints the convener of the StG Strategy as the SOC representative in the Expert Group TSO – DSO and mandates him to fulfil, on SOC behalf, all duties of the TSO-DSO Expert Group member as defined in the Terms of References of the Expert Group TSO-DSO.

### 2. Steering Group Resilient Operation

The Working Group Resilience of the Cyber-Physical Systems Convener presents to the SOC Members the outcome of the analysis into what can be the cyber risks of electric vehicle (EV) charging systems that can impact the business processes. The analysis is documented into a report that is proposed for approval.

The SOC Members receive updates related to ongoing activities such as, the draft cyber physical system risk assessment approach, the status of the Security Bulletin, the status on the Risk Preparedness Methodology update and the preparation of the regional electricity crisis scenarios, the ongoing cooperation with NGEESO on HVDC ramping, the main changes proposed for updating the Incident Classification Scale (ICS) Methodology, the status of the Manually Controlled Load-Shedding project, and the ongoing ICS Scale 2 investigations.

## DECISION

### [TOP 2.1 Approval of the study on “Cyber risks to the electricity system from electric vehicle charging”](#)

SOC:

- Endorses the final report on “Cyber risks to the electricity system from electric vehicle charging”.

## 3. Steering Group Operational Framework

The Steering Group Operational Framework Convener reminds the Members that the ENTSO-E and ACER framework agreement on data provision for Network Codes and Guidelines monitoring contains among others the list of data deliveries based on SO GL. This list was signed end of 2019 and the “interim data deliveries” started. The progress of RCC services implementation triggered an amendment and now the SOC Members are asked to approve the respective amendment for signature between ENTSO-E and ACER.

The Steering Group Operational Framework Convener informs about the activities that followed the approval of the amendments to the KORRR methodology in April 2022. These activities focused on the use of standards for data exchanges.

Following the SOC restructuring, the Working Group Probabilistic Risk Assessment (WG PRA) Terms of Reference was updated to reflect the new task on disturbance and fault statistics and is now being submitted for approval.

The Steering Group Operational Framework convener gives an update on the possible CGM methodology amendments. The Steering Group Operational Framework Convener informs that the PRA biennial report is under written approval and will be published in December 2023.

The Steering Group Operational Framework Convener gives an update on the Wind Eclipse project including the challenges and next steps.

## DECISIONS

### [TOP 3.1 Approval of the amended Agreement for ACER-ENTSO-E Data Provision for Network Codes and Guidelines Monitoring](#)

SOC:

- Approves the amendment of the Annex 2 to the Agreement for ACER-ENTSO-E Data Provision for Network Codes and Guidelines Monitoring

### [TOP 3.4 Approval of the updated Terms of Reference of Working Group Probabilistic Risk Assessment and the PRA biennial report](#)

SOC:

- Approves the updated Terms of Reference of Working Group Probabilistic Risk Assessment

## 4. Steering Group Regional Coordination

The Steering Group Regional Coordination Conveners ask approval of the External Regulatory Report for System Operation Coordination Group.

The Steering Group Regional Coordination Conveners present the RCC shortcomings report that will be presented to ACER, as per EReg 2019/943 Art 30.2, in the System Operation Coordination Group (SO CG) in November 2023.

The conveners then present to the members the preliminary outcomes of the TSOs-RCCs CGM process participation survey that was performed by ENTSO-E Secretariat in coordination with the CGM Operational Planning Data Environment Tasks Team (CGM OPDE TT).

### DECISIONS

#### TOP 4.1 Approval of the External Regulatory Report for System Operation Coordination Group

SOC:

- Approves the submission of the second Common Grid Model External Regulatory Report for 2023 to the System Operations Coordination Group.

#### TOP 4.2 Approval of the RCC shortcomings report to ACER

SOC:

- Approves the RCC shortcomings report to be shared at the System Operation Coordination Group on 30 November 2023.

## 5. Steering Group Strategy

The Steering Group Strategy Convener informs about the status of work on TF Future Vision of RCCs, Concept for Controlling Distributed Devices (CCD), RCC Restoration Task, Network Code Demand Response and Energy Community (EnC) TF.

The Steering Group Strategy Convener asks the Members to approve the updated Terms of Reference for the Steering Group Strategy and the Terms of References for the new Working Group on European Innovative Dynamics and Protections (WG EIDP).

### DECISION

#### TOP 5.2 Approval of the StG Strategy and WG EIDP Terms of Reference

SOC

- Approves the updated Terms of Reference for Steering Group Strategy and the Terms of Reference for Working Group European Innovative Dynamics and Protections.

## 6. Regional Groups highlights

The Regional Groups Conveners provide updates regarding the operational processes in their respective synchronous areas.

## 7. SOC Organisation

The Secretariat informs the Members on organisational aspects, and vacancies in the different Steering Groups and at the Secretariat within the Operations section.

The Secretariat provides updates on the results of the Q3/2023 budget forecast, as well as on the Assembly approved 2024 budget and the 5-year planning. Also, the Secretariat provides updates about the Multi-Lateral Agreements (MLAs) amendments planned in 2023.

The dates for the SOC 2024 meetings calendar are updated to ensure alignment with the Board and Assembly meeting for next year and presented for approval.

The Secretariat Corporate Governance section representative informs about the updated ENTSO-E Articles of the Association and Internal Regulations approved by the Assembly on 27 September 2023 and published on ENTSO-E website.

The Secretariat Head of Operations section introduces to the SOC Members the structure and people inside the section, highlighting their key roles and responsibilities.

## 8. SOC ICTC transition

The Secretariat provides updates on the activities conducted under the SOC-ICTC transition group, the ongoing written voting procedures and as well as on the expected next steps for the SOC-ICTC Joint Transition Group.

## 9. Stakeholder engagement

The Steering Group Operational Framework Convener, with support from the SOC Chair, gives an overview of all the external stakeholders fora related to system operation, where ENTSO-E provides support in organisation of the meetings, but also technical expertise on different topics. In the case of the Electricity Coordination Group, ENTSO-E presented the updates to the Risk Preparedness Methodology and the Winter Outlook results.

## 10. Ukrenergó's roadmap to access operational processes

The Work Stream Operational Processes Leader provides a status update on the actions developed since September 2023, highlighting the approved decisions taken by SOC, ICTC and LRG via written voting process at the beginning of October, regarding the implementation of a roadmap that will facilitate Ukrenergó to participate in selected operational processes.

## 11. Updates on 'modelling and simulation tools to handle new stability phenomena' project

Research, Development and Innovation Committee representatives presented the results of the project on modelling.

## 12. Approval of Minutes for Publication

### DECISION

SOC:

- Approves the Minutes of the 78<sup>th</sup> SOC meeting for publication.