

79th SYSTEM OPERATIONS COMMITTEE MEETING: MINUTES

Agenda item TOP 12 for decision
ENTSO-E System Operations Committee Meeting
 Date: 14 February 2024
 Time: 08:30 – 16:30 CET
 Place: Webinar – full remote

Participants

Chair

TSO	COUNTRY	TITLE	REMOTE PRESENCE
RTE	France	Chairman	<input checked="" type="checkbox"/>

Vice- Chair

TSO	COUNTRY	TITLE	REMOTE PRESENCE
Amprion	Germany	Vice-Chair	<input checked="" type="checkbox"/>

Members and Substitutes

TSO	COUNTRY	TITLE	REMOTE PRESENCE
50 HERTZ TRANSMISSION	Germany	Substitute	<input checked="" type="checkbox"/>
AMPRION	Germany	Member	<input checked="" type="checkbox"/>
APG	Austria	Member	<input checked="" type="checkbox"/>
AST	Latvia	Member	<input checked="" type="checkbox"/>
CEPS	Czechia	Member	<input checked="" type="checkbox"/>
CGES	Montenegro		

CREOS LUXEMBOURG	Luxembourg		
EIRGRID & SONI	Ireland	Member/ Substitute	<input checked="" type="checkbox"/>
ELERING AS	Estonia	Member	<input checked="" type="checkbox"/>
ELES	Slovenia	Member	<input checked="" type="checkbox"/>
ELIA SYSTEM OPERATOR	Belgium	Member	<input checked="" type="checkbox"/>
ENERGINET	Denmark	Member	<input checked="" type="checkbox"/>
ESO-EAD	Bulgaria	Member	<input checked="" type="checkbox"/>
FINGRID	Finland	Member	<input checked="" type="checkbox"/>
HOPS D.D	Croatia	Member	<input checked="" type="checkbox"/>
IPTO	Greece	Member	<input checked="" type="checkbox"/>
JP EMS	Serbia	Member/ Substitute	<input checked="" type="checkbox"/>
LANDSNET	Iceland		
LITGRID	Lithuania	Member	<input checked="" type="checkbox"/>
MAVIR ZRT	Hungary	Member	<input checked="" type="checkbox"/>
MEPSO	Rep. of North Macedonia	Member	<input checked="" type="checkbox"/>
NOS BIH	Bosnia Herzegovina	Member	<input checked="" type="checkbox"/>
OST	Albania	Member	<input checked="" type="checkbox"/>
PSE	Poland	Member	<input checked="" type="checkbox"/>
REE	Spain	Member	<input checked="" type="checkbox"/>
REN	Portugal	Member	<input checked="" type="checkbox"/>
RTE	France	Member	<input checked="" type="checkbox"/>
SEPS	Slovakia	Member	<input checked="" type="checkbox"/>
STATNETT	Norwegia	Member	<input checked="" type="checkbox"/>
SVENSKA KRAFTNÄT	Sweden	Member	<input checked="" type="checkbox"/>
SWISSGRID	Switzerland	Member	<input checked="" type="checkbox"/>
TENNET TSO BV	Netherlands	Member	<input checked="" type="checkbox"/>
TENNET TSO GMBH	Germany	Member	<input checked="" type="checkbox"/>
TERNA	Italy	Member	<input checked="" type="checkbox"/>
TRANSELECTRICA	Romania	Member	<input checked="" type="checkbox"/>
TRANSNETBW GMBH*	Netherlands	Substitute	<input checked="" type="checkbox"/>
TSO CYPRUS	Cyprus	Substitute	<input checked="" type="checkbox"/>
UKRENERGO	Ukraine	Member	<input checked="" type="checkbox"/>
VUEN	Austria		<input checked="" type="checkbox"/>

Regional Groups

REGIONAL GROUP	REPRESENTED BY	TITLE	REMOTE PRESENCE
Regional Group Continental Europe	REN	RG REPRS.	<input checked="" type="checkbox"/>
Regional Group Nordic	STATNETT	RG REPRS.	<input checked="" type="checkbox"/>
Regional Group Baltic	AST	RG REPRS.	<input checked="" type="checkbox"/>

Regional Group Ireland & Northern Ireland	EIRGRID	RG REPRS.	<input checked="" type="checkbox"/>
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RCC/ RSC Representatives

RCC/ RSC	COUNTRY	TITLE	REMOTE PRESENCE
BALTIC RCC		Representative	<input checked="" type="checkbox"/>
CORESO		Representative	<input checked="" type="checkbox"/>
NORDIC RCC		Representative	<input checked="" type="checkbox"/>
SCC		Representative	<input checked="" type="checkbox"/>
SELENE CC			
TSCNET		Representative	<input checked="" type="checkbox"/>

Conveners

TSO	COUNTRY	TITLE	REMOTE PRESENCE
AMPRION		Co- Convener StG Resilient Operations	<input checked="" type="checkbox"/>
APG		Co-convener StG ReC	<input checked="" type="checkbox"/>
EIRGRID		Co- Convener StG Resilient Operations	<input checked="" type="checkbox"/>
ENERGINET		StG Strategy Convener	<input checked="" type="checkbox"/>
SWISSGRID		StG Operational Framework	<input checked="" type="checkbox"/>
TERNA		Co-convener StG ReC	<input checked="" type="checkbox"/>

Guests

TSO	COUNTRY	TOPIC	REMOTE PRESENCE
ENTSO-E Secretary General	Belgium	FOR TOP 1	<input checked="" type="checkbox"/>
PSE	PSE	FOR TOP 5	<input checked="" type="checkbox"/>
SWISSGRID	Switzerland	FOR TOP 4	<input checked="" type="checkbox"/>
TENNET BV/ GMBH	Germany/ Netherlands	FOR TOP 5	<input checked="" type="checkbox"/>
TENNET BV/ GMBH	Germany/ Netherlands	FOR TOP 5	<input checked="" type="checkbox"/>

TERNA	Italy	FOR TOP 4	<input checked="" type="checkbox"/>
TSCNET	Germany	FOR TOP 5	<input checked="" type="checkbox"/>

Minutes

1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 79th System Operations Committee meeting which takes place in a full remote format. The Agenda is approved with the agreed changes.

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.

DECISIONS

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

TOP 1.3 Elections

SOC:

- Approves the nominee from EirGrid as Working Group Incident Classification Scale convener for a two-year mandate starting 14 February 2024.
- Approves the nominee from Amprion as Working Group Future Legislation convener for a two-year mandate starting 14 February 2024.

2. Steering Group Strategy

The Steering Group Convener presents updates on a new concept and way of working in Working Group Future Legislation (WG FL). The main driver for these proposed changes is that the current setup with fixed meetings does not seem fit for purpose anymore. It is suggested to have the WG FL Convener being responsible for monitoring the developments in new European legislation relevant for SOC, by engaging actively with Policy & Communication Group and other cross Committee work in ENTSO-E. When a certain topic arises where dedicated work is needed to work on specific input or review, the convener of WG FL will initiate the work by activating the members of WG FL.

DECISION

TOP 2.2 – Working Group Future Legislation - New concept and approach for way-of-working and updated ToR Approval.

SOC:

- Approves the updated Terms of Reference for Working Group Future Legislation.

3. Steering Group Regional Coordination

The Steering Group Conveners remind that on 19 July 2023, ACER approved the ENTSO-E methodology proposals on RCC Sizing & Procurement tasks based on Article 37(1)(j) and (k) of Regulation (EU) 2019/943. The proposals were developed by Project Team RCC Sizing under Steering Group Strategy and Project Team RCC Procurement under WG Ancillary Services. The Project Teams that were responsible for the methodology proposals shall now be closed and a new Sizing & Procurement Task Team (S&P TT) shall be established under Steering Group Regional Coordination (StG ReC). The main purpose of the new TT is to facilitate knowledge sharing, support ENTSO-E monitoring and reporting tasks and support implementation if requested by the SORs and RCCs who are leading the regional implementation.

The Conveners present for approval the updated Terms of References of Outage Planning Coordination and Short-Term Adequacy Task Team (OPC STA TT ToR).

In accordance with EU Regulation 2019/943 Article 37(1)(i), the Regional Coordination Centres (RCCs) are mandated to provide the task “Post-Operation and Post-Disturbances Analysis and Reporting” following the methodology approved by ACER in its decision No 04/2022 of 31 March 2022. The proposal to integrate RCC task (i) into the RSC Services MLA has been endorsed by StG ReC during its meeting on 17-18 January 2024. As this RCC task is already operational since last year, the Steering Group Conveners bring forward the proposed decision to initiate the set-up of the necessary and yet missing contractual arrangements between TSOs and RCCs.

The Steering Group Conveners inform that the organisation of standard vetting interoperability tests (SV-IOP) is an essential part of the development of the specifications, knowledge sharing and implementation of the CGM-dependant business processes fulfilling the legally mandated RCC tasks. The data exchanges in these processes, such as Coordinated Security Analysis (CSA), are defined by the Network Code (NC) profiles. At later stage when the NC profiles are developed to include data for Capacity Calculation (CC), Outage Planning Coordination (OPC) and Short-Term Adequacy (STA), the standard vetting interoperability tests will also support these processes.

DECISIONS

TOP 3.2 Approval of the Sizing and Procurement Task Team Terms of Reference

SOC:

- Acknowledges the achievements of the Project Team RCC sizing and approves the closure of the Project Team under Steering Group Strategy.
- Approves the establishment of the new Sizing & Procurement Task Team (S&P TT) under Steering Group Regional Coordination and the proposed Terms of Reference

TOP 3.3 Approval of the OPC STA Task Team updated Terms of Reference

SOC:

- Approves the updated OPC STA Task Team Terms of Reference (Version 2.0)
- Approves that the current OPC STA TT Business sub-team convener becomes OPC STA TT co-Convener.

TOP 3.5 Approval of integrating RCC Post-Operation and Post Disturbances Analysis and Reporting in accordance with Article 37(1) (i) of EU Regulation 2019/943 into the RSC services MLA.

SOC:

- Approves to initiate the amendment process to reflect the provision of RCC Post-Operation and Post-Disturbances Analysis and Reporting in accordance with Article 37(1) (i) of EU Regulation 2019/943 in the RSC Services MLA.

TOP 3.7 Approval of standard vetting Interoperability tests on data exchange specifications for regional coordination processes

SOC:

- Approves the launch of yearly standard vetting interoperability testing from 2024 onwards to support the implementation of data exchange specification for regional coordination processes .

4. Steering Group Resilient Operation

The Steering Group Conveners inform the Members about the start of a project for writing a report focused on protection of mixed lines as combination of sections with cables and overhead lines, aiming to collect and sort all applied methods for identification of a faulted cable section at the mixed lines, and also providing an overview of best practices sorted by their advantages and disadvantages.

Next, the Conveners remind that, as part of its working plan, Working Group Resilience of the Cyber-Physical Systems has analyzed the currently emerging regulations with impact on the cyber resilience of TSOs within the EU. The purpose of the cyber resilience requirement matrix (CRRM) is to give TSOs a structured overview of the new requirements and to help them identify possible synergies between them.

The Conveners provide update about the latest EAS developments that aim to ensure correct KOSTT data integration into EAS. EAS hosting entities already ensured that EAS system is configured to display KOSTT data as well as the cross-border exchanges with neighbour TSOs.

Moreover, the Conveners remind that the principles of balancing platform data integration into EAS were initiated in 2023 with StG Operations. Based on these principles, Core Team EAS in alignment with representatives of MARI and PICASSO projects and SIEMENS drafted a specification for the integration of MARI and PICASSO into EAS.

The Conveners provide further updates about the undergoing updates to the ICS (Incident Classification Scale) methodology, about the activities followed by the Working Group Risk Preparedness and other relevant activities.

DECISIONS

TOP 4.1 Approval of PID for Protection of Mixed Lines project

SOC:

- Approves the PID for Protection of Mixed Lines project.

TOP 4.5 Approval of Cyber resilience requirement matrix developed by R-CPS.

SOC:

- Approves the cyber resilience requirement matrix (CRRM).

TOP 4.8 Approval of KOSTT data integration into EAS.

SOC:

- Approves the proposal to extend the EAS data input and visualization with the additional data about the KOSTT system.

TOP 4.9 Approval of Balancing Platforms data integration into EAS

SOC:

- Approves the specifications for balancing platform (MARI and PICASSO) data integration into EAS.

5. Steering Group Operational Framework

On 8 January 2018, ACER and ENTSO-E entered the Agreement for ACER-ENTSO-E Data Provision for Network Codes and Guidelines Monitoring (The „Agreement“) following ACER’s legal mandate to request data from TSOs on Network Codes and Guidelines for implementation monitoring purposes. A revised version of Annex 2, containing a list of information pursuant to Article 14(2) of Regulation (EU) 2017/1485 was approved by SOC on 29 November 2023 and signed between ACER and ENTSO-E representatives on 21 December 2023. To fulfil the legal requirements stemming from the revised Annex 2, the Steering Group Conveners recommends SOC to approve the Project Initiation Document (PID) for Implementing data delivery solution for System Operation Guideline data delivery to ACER for monitoring purposes via the Transparency Platform.

The Convener informs that the new Network Code on Demand Response (NC DR) has been drafted in accordance with ACER Framework Guidelines on Demand Response by the Task Force Demand Side Flexibility (TF DSF). The NC DR, as drafted today, impacts the Regulation 2017/1485 establishing a guideline on electricity transmission system operation (SO GL). Steering Group Operational Framework has put in place a

team of experts that carried out, with the support of the TF DSF, an impact analysis of NC DR to SO GL and related methodologies.

Next, the Convener presents and asks approval for the Wind Eclipse project that focuses on changes in renewable infeed that occur for non-physical reasons, e.g., new regulations related to negative prices and/or environmental regulations such as noise regulations. The topic was repeatedly raised in System Operation European Stakeholder Committee (SO ESC), as voluntary shutdowns of large volume of renewables can lead to frequency degradation when correlating with schedule changes at the change of market time unit. The Wind Eclipse project was established in Q2 2023 to analyse the extent of the so-called phenomenon and the frequency impact. The project is now complemented with a Project Initiation Document (PID), for which the project team seeks approval from SOC members.

The Convener presents updates about other relevant activities and the implementation status.

DECISIONS

TOP 5.1 Approval of ACER List of Data Project Initiation Document

SOC:

- Approves the Project Initiation Document for Implementing data delivery solution for System Operation Guideline data delivery to ACER for monitoring purposes via the Transparency Platform.

TOP 5.2 Approval of NC DR impact on SO GL

SOC:

- Acknowledges the preliminary assessment made on the impact of Network Code Demand Response to the System Operation Guideline and Key Organisational Requirements, Roles and Responsibilities.

TOP 5.3 Approval of Wind Eclipse Project Initiation Document

SOC:

- Approves the Project Initiation Document for the project (Wind eclipse) Frequency Impact of Sudden and Large Swings of vRES infeed.

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.

8. Approval of the Regional Governance Assessment

The Chair of the Legal and Regulatory Group (LRG) present the Regional Governance Assessment Project that aims to deliver an assessment of the TSO-governance of the regions (CCRs and SORs) and how the TSO-responsibility for RCC performance is implemented. The goal of the assessment would be to identify overlaps, gaps, and propose possible simplification measures.

DECISION

[TOP 8.0 Approval of Regional Governance Assessment Project Initiation Document](#)

SOC:

- Approves the Project Initiation Document (PID) for the Regional Governance Assessment Project

9. Updates from the Task Force Energy Community

10. Stakeholders' 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.

11. Ukrenergo' s participation in operational processes

The Work Stream Operational Processes Leader provides a status update on the actions developed since November 2023 regarding the implementation of a roadmap that will facilitate Ukrenergo to participate in selected operational processes.

12. Approval of Minutes for Publication & Actions

DECISION

SOC:

- Approves the Minutes of the 79th SOC meeting for publication.