

Data open within ENTSO-E

85th SYSTEM OPERATIONS COMMITTEE MEETING: MINUTES

Agenda item TOP 12 for decision
ENTSO-E System Operations Committee Meeting
Date: 09 April 2025
Place: Madrid / Webinar

Minutes

1 Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 85th System Operations Committee meeting which takes place in Madrid. The Agenda is approved.

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 the proposed convenorship roles under the 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 candidate from Terna as Project Manager of the cross-Committee Project “ENTSO-E Vision for RCCs”.

2 Steering Group Resilient Operation

Steering Group Resilient Operations conveners provide a status update of the main activities followed by the group, including the discussions with NESO about the power flows on HVDCs, the implementation of recommendations from the grid incidents and others.

3 Steering Group Regional Coordination

Steering Group Regional Coordination conveners give an overview on the results of the Short Term Adequacy (STA) survey, as well as the latest developments in the pan-European STA tool.

4 CGM Action Plan

The CGM action plan manager asks for SOC approval of the 2026-2030 priority focus areas (PFA) that are used for prioritization of future Common Grid Model (CGM) Operational Planning Data Environment (OPDE) developments.

The CGM action plan manager then requests SOC members to approve the Business Requirements Specifications of the new Boundary and Data Management Application (BDMA) that will replace the Network Modelling Database (NMD) application used for boundary dataset (BDS) management.

Last, the CGM action plan manager informs the members about the status of the CGM action plan, and progress made in the different streams of the plan.

DECISIONS

TOP 4.1 Approval of the 2026-2030 priority focus areas

SOC:

- Approves the 2026-2030 Priority Focus Areas for CGM OPDE as a basis for the budget planning for OPDE development.

TOP 4.2 Approval of the Boundary Data Management Application (BDMA) Business Requirements Specifications

SOC:

- Approves the Business Requirements Specifications document (BRS) of the Boundary and Data Management application (BDMA).

5 Closure of the Regional Governance Assessment Project

The Chair of the Legal & Regulatory Group (LRG) informs that the regional governance assessment project team (PT) completed a legal analysis of regional governance which identified no legal concerns regarding compliance. Nevertheless, some governance (management) issues exist, which are likely a result from the complexity of TSO operations across multiple layers. The identified governance issues or inefficiencies may not be relevant to all System Operation Regions (SORs) and all Capacity Calculation Regions (CCRs). Nevertheless, TSOs are encouraged to review the solutions proposed by the PT. The LRG Chair asks the SOC Members to approve the closure of the project and the proposed way forward to address the issues listed.

DECISIONS

SOC:

- Agrees with the conclusions of the Managerial assessment of the Regional Governance Assessment Project.
- Agrees to close the Regional Governance Assessment Project, considering that the SOC Chair, in close collaboration with the MC and LRG Chairs, shall follow-up on the action points.

6 Steering Group Operational Framework

Steering Group Operational Framework convener reminds about the Article 21 (“Assistance for active power procedure”) of the Network Code on Emergency and Restoration (NC ER) that describes the different ways a TSO can request active power from Balancing Service Providers, Significant Grid Users or other TSOs in case of absence of control area adequacy in the day-ahead or intraday timeframe. A dedicated group under Steering Group Operational Framework was tasked to further assess Article 21 and the outcome of that assessment is submitted for SOC approval.

Steering Group Operational Framework convener asks the members to accept the Probabilistic Risk Assessment (PRA) key principles to be shared during a workshop with EC, ACER and NRAs. She reminds that, in accordance with Article 44 of the Methodology for coordinating operational security analysis (CSAM), all TSOs shall jointly develop the Probabilistic Risk Assessment (PRA) methodology. The establishment of the PRA approach entails quantifying the risk of a contingency by computing its probability and its impact on the power system while considering the uncertainties such as the weather conditions. The mentioned workshop is organized at the request of ACER to discuss the PRA methodology and ensure alignment on the direction of the project.

Still on the PRA topic, the Steering Group Operational Framework convener informs that the PRA team is now working on the development of a proof-of-concept (PoC) PRA methodology to assess applicability of the theoretical concepts of a probabilistic methodology to real-life power systems. To meet this objective, the PRA team should perform impact assessment on snapshots of various power system models. Therefore, there is a need for both operation network models as well as experienced modellers to perform the mentioned assessments, for which SOC is asked to approve the proposal.

DECISIONS*TOP 6.1 Acknowledgement of the Appendix to the NC ER Article 21 Explanatory document*

SOC:

acknowledges the Appendix to the NC ER Article 21 Explanatory document with the follow up answers to the actions assigned from SOC in September 2024 meeting.

TOP 6.2 Acknowledgement of content for PRA workshop with ACER and EC

SOC acknowledges the key principles of the content to be presented at the PRA workshop with ACER, EC and NRAs.

TOP 6.3 Approval of the network model request for PRA methodology development

SOC:

- Acknowledges the need for operational network models for the development of the PRA methodology and unanimously requests all RCCs to share these models with the Working Group PRA (composed by TSOs and RCCs only).
- Acknowledges the need for modelling resources to support the development of the PRA methodology.

7 Steering Group Strategy

The Steering Group Strategy convener reminds that the ENTSO-E Research, Development & Innovation Roadmap 2024-2034 was published in July 2024 and the aim of the RDI Roadmap is to set out a decade-long mission to overcome the current challenges faced by the sector and strive for a power system for a carbon-neutral Europe. It is a strategic document that outlines the crucial steps needed to transform Europe's energy system into a sustainable, flexible, digitalised powerhouse, aligning with the EU's climate and energy objectives. He asks the members to approve the approach for SOC to furthermore contribute to the implementation phase of the RDI Roadmap by prioritizing key areas, missions and milestones which are of specific interest to SOC.

The Steering Group Strategy convener provides updates on several other topics, such as the status of the development of the RCC Restoration task (h), the SOR Definition Amendment in the context of the Balkan TSOs integration and the status of several items on the Working Group European Innovative Dynamics and Protection (WG EIDP).

DECISIONS

TOP 7.1 SOC Contribution to RDI Roadmap

SOC:

- Approves the proposed representation (SPOCs) in the various missions and milestones of the Research, Development and Innovation Roadmap and supports their cross-Committee involvement in related activities during the Roadmap Implementation phase.

8 Offshore

The offshore topic is presented by the four task forces under SOC – Dynamic stability, Frequency control, Geographic areas and Ramping, with a main focus on resources needed to follow up the development of expected deliverables.

9 Regional Groups Highlights

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

synchronous areas.

The Regional Group (RG) Baltic convener reminds the members that the RG Baltic was established to promote the cooperation between Elering, AST and Litgrid (Baltic TSOs) with the aim of ensuring a reliable operation, optimal management and technical development of the synchronous area of the Baltic TSOs who were operating in IPS/UPS synchronous area. Following the agreement between Baltic TSOs and RGCE parties on the conditions of the future synchronous interconnection of power systems of Baltic states and power system of continental Europe (CFI agreement), Baltic power systems have been synchronously connected to the Continental Europe on 9 February 2025 and became part of Continental Europe synchronous area (CESA). He informs that the RG Baltic needs to be closed and this will be brought for the approval of the ENTSO-E General Assembly in their June 2025 meeting.

10 SOC organisation

The SOC Chair reminds the members about the ENTSOE strategic roadmap approved and published in 2024, which was built by the top decision-making bodies of the Association. The ENTSO-E strategic roadmap is under implementation by all Committees and SOC is now asked to review the list of priorities for 2026 and agree on the updated list of activities that need to be addressed next year. The inputs from SOC will be shared with the Board members at their next meeting.

The Secretariat informs the Members on organisational aspects, and vacancies in the different Steering Groups and at the Secretariat within the Market & Operations section. Also, the Secretariat presents the 2025 Q1 budget forecast outcome and the general preparations of the 2026 Initial Budget Proposal (IBP) and 5-years.

DECISIONS

TOP 10.1 Approval of the SOC list of priorities in the context of the Board Strategic Priorities

SOC:

- Approves the list of value-added and less value-added priorities for 2026.

TOP 10.3 SOC Budget updates

SOC:

- Acknowledges the 2025 Q1 budget forecast;
- Takes note of the information provided on the 2026 Initial Budget Proposal and 5-years budget planning for the SOC Steering Groups.

11 Stakeholders' engagement

The Steering Group Operational Framework Convener and the Steering Group Resilient Operations Convener, with support from the SOC Chair, give an overview of all the external stakeholders related to system operation, where ENTSO-E provides support in organisation of the meetings, but also technical expertise on different topics.

12 Approval of Minutes for Publication & Actions

DECISIONS

SOC approves the Minutes of the 85th SOC meeting for publication.

Attendance

SOC CHAIRMAN

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

SOC VICE- CHAIR

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

MEMBERS AND SUBSTITUTES

TSO	COUNTRY	TITLE	REMOTE	IN PERSON
50 HERTZ TRANSMISSION	Germany	Member		<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	Proxy		<input checked="" type="checkbox"/>
CGES	Montenegro	Member		

CREOS LUXEMBOURG	Luxembourg	Member/ Substitute	<input checked="" type="checkbox"/>	
EIRGRID & SONI	Ireland	Member	<input checked="" type="checkbox"/>	
ELERING AS	Estonia	Member		<input checked="" type="checkbox"/>
ELES	Slovenia	Member		<input checked="" type="checkbox"/>
ELIA SYSTEM OPERATOR	Belgium	Proxy (50 Hertz)		<input checked="" type="checkbox"/>
ENERGINET	Denmark	Member		<input checked="" type="checkbox"/>
ESO-EAD	Bulgaria	Substitute	<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	Substitute		<input checked="" type="checkbox"/>
LANDSNET	Iceland	Member/ Substitute		
LITGRID	Lithuania	Member		<input checked="" type="checkbox"/>
MAVIR ZRT	Hungary	Member		<input checked="" type="checkbox"/>
MEPSO	Rep. of North Macedonia	Member/ Substitute		
NOS BIH	Bosnia Herzegovina	Member/ Substitute	<input checked="" type="checkbox"/>	
OST	Albania	Member/ Substitute		
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	Substitute		<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	Member		<input checked="" type="checkbox"/>
TSO CYPRUS	Cyprus	Member		
UKRENERGO	Ukraine	Member	<input checked="" type="checkbox"/>	
VUEN	Austria	Member		<input checked="" type="checkbox"/>

RCC/ RSC REPRESENTATIVES

RCC/ RSC	COUNTRY	TITLE	REMOTE	IN PERSON
CORESO		Representative		<input checked="" type="checkbox"/>
TSCNET		Representative	<input checked="" type="checkbox"/>	
BALTIC RCC		Representative		<input checked="" type="checkbox"/>
NORDIC RCC		Representative	<input checked="" type="checkbox"/>	

SCC Representative

SELENE CC		Representative		<input checked="" type="checkbox"/>
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CONVENERS

TSO	COUNTRY	CONVENER	REMOTE	IN PERSON
TERNA	Italy	StG ReC	<input checked="" type="checkbox"/>	
APG	Austria	StG ReC		<input checked="" type="checkbox"/>
ENERGINET	Denmark	StG Strategy		<input checked="" type="checkbox"/>
AMPRION	Germany	StG Resilient Operation		<input checked="" type="checkbox"/>
EIRGRID	Ireland	StG Resilient Operation		<input checked="" type="checkbox"/>
SWISSGRID	Switzerland	StG Operational Framework		<input checked="" type="checkbox"/>
REN	Portugal	Continental Europe Regional Group Convener		(proxy from RG CE Deputy Convener- PSE)
SVK	Sweden	Nordic Regional Group Convener	<input checked="" type="checkbox"/>	
LITGRID	Lithuania	Baltic Regional Group Convener		<input checked="" type="checkbox"/>
EIRGRID	Ireland	Convener Regional Group Ireland/ Northern Ireland	<input checked="" type="checkbox"/>	

ORGANISER

ENTSO-E SECRETARIAT	Belgium	Support		<input checked="" type="checkbox"/>
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