

76th SYSTEM OPERATION COMMITTEE MEETING: MINUTES

Agenda item TOP 11 for decision
ENTSO-E System Operations Committee Meeting
Date: 21 June 2023
Time: 08:30 – 16:30
Place: Vienna/Webinar

Participants

APG	Chair
RTE	Vice-Chair
50Hertz	Substitute member
APG	StG ReC Co-Convenor
APG	Member
AMPRION	Member
AST	Member
ČEPS	StG Strategy Convenor
ČEPS	Member
CGES	Substitute member
Coreso	RCC Representative
Coreso	RCC Representative
CREOS	Member
Eirgrid	Member
Elering	Substitute member
ELES	Member

Elia	Member
EMS	Member
EMS	Substitute member
Energinet	Substitute member
ESO EAD	Substitute member
FINGRID	Member
HOPS	Member
IPTO	Member
Litgrid	Member
MAVIR	Member
MEPSO	Member
Nordic RCC	RCC Representative
NOS BiH	Member
OST	Member
PSE	Member
REE	Member
REN	RG CE Convener
RTE	StG Operations Convenor
SEPS	Member
SONI	Member
Statnett	Member
Svenska kraftnät	Member
Swissgrid	StG Operational Framework Convenor
TenneT TSO B.V.	Member
TenneT TSO GmbH*	Member

Terna	StG ReC Co-Convenor
Terna	Member
Terna	Member
Transelectrica	Member
TransnetBW	Member
TSCNET	RCC Representative
TSCNET	RCC Representative
TSO Cyprus	Substitute member
VUEN	Member
ENTSO-E Secretariat	Organiser

Minutes

1. Attendance, Quorum & Approval of the Agenda

Updates from the General Assembly, Board, Resource committee, StG T&D Interface

The SOC Chair welcomes participants to the 76th System Operations Committee meeting which takes place in hybrid format (physical presence and teleconference).

The SOC Chair and Vice Chair update the Committee on latest news from the General Assembly, Board, Resource committee and StG T&D Interface.

DECISIONS

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

2. SOC Organisation

The SOC Chair with support from Secretariat Head of Operations remind the Members on the election of the SOC Vice-Chair that needs to be performed before the end of the meeting. The election process will be conducted as a secret ballot. The Head of Operations provides the election process instructions to the Members.

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

The Secretariat provides updates on the results of the Q2/2023 budget forecast, as well as on the 2024 and the 5-year planning approach. Also, the Secretariat provides updates about the Multi-Lateral Agreements (MLAs) amendments planned in 2023.

The Secretariat informs about the possible request from Moldelectrica to adhere to the ENTSO-E Observer Membership Agreement (OMA) and provides for approval the list of entities to which Moldelectrica should or can appoint a representative.

The Secretariat announces that the current Steering Group Strategy convenor will resign from his function and that a formal call for nominations will be launched. It is expected that the new convenor will be elected at the September 2023 SOC meeting.

The SOC Vice-Chair informs that the revised SOC Terms of References was submitted for written endorsement for the Board and now is under final written approval by the Assembly.

The Secretariat provides updates on the activities conducted under the SOC-ICTC transition group, as well as on the expected timeline.

DECISIONS

TOP 2.1 SOC Vice-Chair election process

SOC:

- takes note that there are 3 candidates for the position of SOC Vice-Chair;
- approves the election procedure as described in the cover note;
- appoints the ENTSO-E Secretariat Head of Operations section to collect the votes, calculate, interpret and communicate the results of the election;
- appoints Frank Reyer (Amprion) for the role of SOC Vice-Chair for a 2-year mandate starting on 1 July 2023;

TOP 2.2 SOC budget updates

- SOC acknowledges the 2024 Initial Budget Proposal.

TOP 2.3 SOC MLAs updates

- SOC confirms that Cyprus TSO and Landsnet are exempted from sending any real time data to ENTSO-E as they are not interconnected to any other TSO and are not connected to the Physical Communication Network.
- SOC decides that Article 2.8 is to be re-inserted in the EAS Data Exchange and Delivery Agreement with appropriate modification to account for the phasing out of the Electronic Highway and with retroactive effect at the date of entry into force of amendment 3.
- SOC confirms that Cyprus TSO and Landsnet will remain exempt from the obligation of sending any real time data to ENTSO-E during the interim period between the entry into force of amendments 3 and 4.

TOP 2.4 Moldelectrica potential OMA adherence & Ukrenergo and Teias OMA updates

- SOC approves the prepared list of SOC entities to which Moldelectrica should or can appoint a representative, that will be added to Annex 1 of the potential Observer Membership Agreement (OMA) with Moldelectrica.

TOP 2.5 Steering Group Strategy Convenorship

- SOC acknowledges the updates regarding the StG Operational Framework convenorship and ensures these updates will be considered in the next election rounds.

3. Steering Group Regional Coordination

The Steering Group Regional Coordination Convenors update the Members on the status of the Common Grid Model (CGM) process.

The Convenors explain that an additional part of the CGM Building Process is the Quality of CGMES Dataset & Calculations (QoCDC) for which a new version (v.3.3.1) is available. It includes editorial fixes, positive

impacting rule text changes and inclusion of TSO & RCC QoCDC Reference data. The QoCDC has no new rules included and is a minor upgrade.

The Convenors remind that the Common Grid Model Building Process Implementation Guide (CGM BP IG) version 2.0 is guiding TSOs on the power system modelling necessary for the creation of Individual Grid Models (IGM), which is exchanged and used by the merging agent to perform the merging process, i.e., the merging of IGMs into a CGM. The CGM BP IG enables the TSOs to participate in CGM build process by modelling and exchanging both AC and DC IGMs. The document also presents a way to start the description and definition of quality rules relevant for the HVDC grid models which will be part of the next major release of the QoCDC.

The Convenors inform the members about the finalization of the Business Requirement Specifications (BRS) for the next two STA releases. For the approval of the BRS, a Written Voting Procedure will be launched after the meeting.

4. TF for Operational Coordination for Winter 2022-2023 updates

The Task Force for Operational Coordination for Winter 2022-2023 leader reminds the Members that the Task Force was created during summer 2022 as a response to threats of sudden cut of gas supply from Russia to Europe. During the initial phase of Task Force's work, it was identified that gas is not the only potential source of challenges that European TSOs will face during upcoming winter, therefore the scope of the activities has been broadened to address the general topic of winter preparation under SOC. The work performed under the Task Force has contributed significantly to increasing the security of supply in Europe during the Winter 2022-2023. Since all the activities mandated to the Task Force are addressed, it is proposed that the Task Force is closed.

DECISIONS

- SOC approves the closure of the Task Force for Operational Coordination for Winter 2022-2023.

5. Steering Group Operations

The Steering Group Operations convenor reminds the Members that according to Article 16 of the Commission Regulation (EU) 2017/1485 of 2 August 2017, establishing a guideline on electricity transmission system operation, TSOs of each European Union Member State are obligated to provide ENTSO-E with the necessary data and information for the preparation and creation of the annual report on Load-Frequency Control (ALFC Report). ENTSO-E is obliged to publish the ALFC Report on an annual basis before 30 September of each year. The 2022 ALFC Report is submitted for approval and publication on the ENTSO-E website, while concluding that the respective synchronous area's frequency quality fit within the defined levels for all reported data.

The Steering Group Operations convenor presents the scope of work for the new Operational Group (OG) that is proposed to be created. The OG was created at the beginning of October 2022 as a recommendation of the Task Force Operational Coordination for Winter 2022-2023 and at the end of March 2022 became dormant. At end of March 2023, SOC decided to transform the Operational Group into a permanent entity under the responsibility of the Steering Group Operations.

The Steering Group Operations convenor presents recent updates on the matter of HDVC interconnections, summarizing the way forward to achieve a legally compliant mechanism for interaction between relevant TSOs and the GB systems.

He continues by giving a status update on the implementation of ICS Scale 2 2021 incidents recommendations, presenting the current status of data collection process as well as the next steps.

The convenor then gives a status update on Year Ahead Scenarios report preparations, reminding that the legal deadline for publication of the report is 15 July 2023.

DECISIONS

TOP 5.1 Approval of ALFC 2022 report

- SOC approves the “2022 Annual Load-Frequency Control Report” and its publication on the ENTSO-E website.

TOP 5.2 Approval of Operational Group Terms of Reference

- SOC approves Terms of Reference of the Operational Group.

6. Steering Group Operational Framework

The Steering Group Operational Framework Convenor reminds to the Members that, as part of NC/GL and CEP implementation, ACER and ENTSO-E defined lists of raw data submissions to ACER for monitoring purposes. Based on ENTSO-E legal assessment, TSOs have the legal obligation to deliver these data and they are allowed to delegate this task to third parties such as RCCs. Furthermore, RCCs are also allowed to take up non-legally mandated tasks under contractual agreement, e.g., the RSC Services MLA. Presumably, the majority of the pan-EU data requested by ACER can be found in regional tools used by regional services and TSOs benefit from efficiency gain if RCCs make these data available at a central location. Independent from this, ENTSO-E remains the delivering party towards ACER. SOC is asked for a clear commitment from TSOs and RCC to develop the conditions facilitating the decision to delegate to RCCs the raw data collection.

The Steering Group Operational Framework Convenor equally informs Members that, all the previously approved amendments by TSOs are now being publicly consulted. The public consultation started on 31st May and will end on 30th June ([Link](#) to public consultation). The proposed amendments include those triggered by the Jan 2021 system split event recommendations as well as a revised deadline for art. 42.1.

DECISIONS

- SOC asks ACER list of data Task Force to lead and commonly develop with RCCs the conditions for TSOs' delegation of collecting their pan-European raw data for monitoring purposes to RCCs to fulfil ACER's raw data requests.
- SOC acknowledges that ENTSO-E remains the data delivering party towards ACER as part of the TSOs' delegation conditions to be developed.

7. SOC Vice-Chair election: announcement of the result

The SOC Chair announces the results of the secret ballot voting for electing the new SOC Vice-Chair.

8. Steering Group System Resilience

The Secretariat main adviser for the WG Risk Preparedness informs that it has started the public consultation of the newly developed methodology for the identification of regional electricity crisis scenarios. Possible remarks from external stakeholders will be incorporated in the proposal for the validation process with ACER. The new cycle of the identification process will be started end of 2023.

The Convener of the Working Group Resilience of the Cyber-Physical Systems provides updates on the annual work plan of the group the initiatives taken until now, such as analysing directives and regulations in the sector of cyber-physical resilience, initiation of developing criteria for risk assessment for cyber-physical systems and the status of the study related to the cyber risk analysis of the EV charging systems.

9. Steering Group Strategy

The Steering Group Strategy Convener informs about the status of RCC restoration task (Art. 37.1.h) proposal drafting, NCDR drafting and EnC implementation of the adopted EU energy law package.

He then informs the Members that, following the publication of the ENTSO-E Vision: 'A Power System for a Carbon Neutral Europe', the Steering Group Strategy has started elaborating the ideas on the topics relevant for system operation, such as the concepts of Operating the multi-sector system and Risk-Based Methodology for Resilience.

Operating the multi-sector system presents aspects of operating the electricity system together with other systems like heat and hydrogen. These aspects shall be further investigated, and relevant questions shall be formulated, before identifying the relevant ENTSO-E bodies who will be looking for answers.

The Risk-Based Methodology for Resilience consists of several aspects working together to enhance the resilience of the power system. Those aspects are investigated under the existing flagships of the ENTSO-E RDI Roadmap, in some cases already in collaboration with SOC or RGCE bodies. Therefore, no further immediate action from SOC is required.

Additionally, following up on the actions from the April SOC meeting, SOC is asked to approve the Terms of Reference of a Task Force elaborating on the further aspects of ENTSO-E Vision.

10. SOC Strategy – defining the work plan

The SOC Vice-Chair presents the summary of the SOC Strategy workshop held on 24 May 2023, highlighting the main points addressed by the Members and that needs to be further considered in the SOC strategic work plan. He then proposes to Members a short session to address further open points which could also be included in the SOC strategic work plan. SOC Vice-Chair proposes a series of next steps that are proposed for adoption.

11. Approval of Minutes for Publication

DECISIONS

- SOC approves the Minutes of the 76th SOC meeting for publication.