

63rd SYSTEM OPERATION COMMITTEE MEETING: MINUTES

Date: 02 December 2020
Time: 08:30 – 17:00
Place: webinar

Participants

APG	Chair
RTE	Vice-Chair
TenneT TSO B.V.	Member
TenneT TSO GmbH	Represented by TenneT TSO B.V
Elering	Member
Creos Luxembourg	Member
CGES	Member
REE	Member
HOPS	Member
HOPS	Substitute
Terna	Member
Elia	Member
Transelectrica	Member
50 Hertz	Member
APG	Member
Fingrid	Member
EirGrid	Member

SONI	Represented by EirGrid Member
ELES	Member
AST	Member
Transnet BW	Member
REN	Member
SEPS	Member
NOS BiH	Member
Litgrid	Member
Swissgrid	Member
Amprion	Member
Svenska Kraftnät	Member
Statnett	Member
MAVIR	Member
MAVIR	Substitute
PSE	Member
EMS	Member
OST	Member
Energinet	Member
IPTO	Member
TSO Cyprus	Substitute
ESO EAD	Member
MEPSO	Member
50 Hertz	Member

AST	StG IT&Tools Convenor
Amprion	RSC Project Manager
NGESO	StG Operations Convenor
50 Hertz	StG Operational Framework Convenor
50 Hertz	WG CEP Convener
Amprion	StG System Resilience Convenor
ENTSO-E Secretariat	CGM Communication Network Lead
ENTSO-E Secretariat	CGM Programme Director
ENTSO-E Secretariat	CGM Business Lead Manager Invited
RTE	Vision 2030 Project Manager
NGESO	Invited on behalf of NGESO to present the impact of Brexit
PSE	Invited
VUEN	Invited
Nordic RSC	Invited
Baltic RSC	Invited
SCC	Invited
TSCNET	Invited
Coreso	Invited
SEIeNe CC	Invited
ENTSO-E Secretariat	Organizer

Minutes

1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 63rd System Operations Committee meeting which takes place via teleconference. SOC Chair informs about the changes in the SOC Membership and indicates that the meeting is quorate.

Decision

The SOC Chair

- notes that the meeting is quorate
- notes that the Agenda is approved.

2. Updates from Board and General Assembly

The SOC Chair and Vice Chair update the Committee on latest news from the General Assembly, the Board and the Steering Group Transmission Distribution Interface.

The ENTSO-E Manager of the Network Code and CEP Implementation Program provides information on the proposed ENTSO-E internal process for drafting new Network Codes, developing amendment proposals for Network Codes and Guidelines for submission to ACER and EC and answering to consultations on amendment proposals to Network Codes and Guidelines by the European Commission or ACER.

ENTSO-E Secretariat Network Code monitoring cross-Committee cooperation project representative presents the work developed to implement a closer coordination and harmonization of all Monitoring reporting across ENTSO-E.

3. SOC Organisation and Budget

The ENTSO-E Secretariat provides an update on the 2021 budget outlook as approved by the General Assembly on 15 October 2020 and updates on the status of the 2020 budget. Further, the ENTSO-E Secretariat informs about the dedicated workshop planned in January 2021 for presenting the detailed work plan of the next year.

4. Clean Energy Package Implementation

The Steering Group Strategy Convenor introduces the topic and gives the floor to the Working Group Clean Energy Package Convenor and to the ENTSO-E Secretariat Advisor. They inform on the detailed analysis performed on the ten new RCC tasks listed in Article 37 and further detailed in Annex I of the Regulation (EU) 2019/943 (hereinafter “Electricity Regulation”). This topic will be further discussed with European Commission and ACER on 9 December 2020, during the System Operations Coordination Group.

Decision:

- SOC approves the RCC Task analysis to be presented at the next System Operations Coordination Group on 9 December 2020.

5. CGM Programme

The Head of CGM Programme presents the latest updates and developments in the CGM Programme.

The Head of CGM Programme introduces the business requirements for the Boundary Management Application as part of the Programme deliverables and informs about the usage of the Network Modelling Database application for the CGM Go-live in quarter four of 2021. Further, the new CGM Building Process requirements for the Direct Current Models are presented, which will allow interoperability between tools on Pan European scale and present how the Direct Current Individual Grid Models are to be created to allow the CGM Building Process to be run.

After presenting the CGM Business Design developments, the Head of CGM Programme gives an update on the Programme. He further informs the SOC on the Physical Communication Network roll-out.

Decision:

- SOC acknowledges the use of the Network Modelling Database (NMD) Application for CGM Operational Go-Live in Q4 2021.
- SOC acknowledges the Boundary Management Application business requirement specification documentation drafted by the Solution Design Working Group as a CGM programme deliverable.
- SOC acknowledges the CGM Building Process Implementation Guide – DC part version 1 documentation, as included in the Session File.
- SOC notes the proposed timeline of 2022 for implementation of the CGM Building Process Implementation Guide – DC part version 1 documentation.

6. Steering Group IT&Tools

The Convenor of Steering Group IT&Tools informs the SOC about the business developments for the Physical Communication Network. Next, the Convenor presents the impact of the future Network Code on Cybersecurity on ongoing activities of the group.

The Convenor of Steering Group IT&Tools presents the five-year roadmap and the yearly release planning for the European Awareness System and for the Verification Platform System.

7. Steering Group System Resilience

The Steering Group System Resilience Convenor reminds that feedback and comments from the relevant stakeholders are expected on the Regional Crisis Scenario report shared on 7 September 2020. This procedure is based on the Regulation (EU) 2019/941 of the European Parliament and of the Council of 5 June 2019 on risk-preparedness in the electricity sector and repealing Directive 2005/89/EC, part of the Clean Energy Package for All Europeans. The content of the feedback could lead to change the report and could have an impact on the methodology itself.

According to the Risk Preparedness Methodology, no later than 12 months following the publication of the Regional Crisis Scenarios report, the ENTSO-E shall publish another report, assessing whether there is a need for the development of additional computational methods and tools to be used as a pan-European method for the future assessment of regional electricity crisis scenarios (Article 8.2 of the Methodology,).

Further, the Steering Group System Resilience Convenor presents the status update of the TSOs business continuity procedure during COVID-19. The monthly updates shared between ENTSO-E TSOs are provided with traffic lights to show any short-comings during the second wave of the pandemic.

Finally, the Steering Group System Resilience Convenor presents updates on the work development for supporting the future Network Code on Cybersecurity.

8. RSC Project

The RSC Project Manager informs SOC members abouts the nominations for Working Group OPC and STA Services Operation.

Further, the RSC Project Manager informs that EC requested an update on CCRs' CGMES readiness to be shared.

The RSC Project Manager informs that a dedicated Task Force (TF) within STA Project Group (PG) has been working on the topic of hydro modelling improvements. The TF has identified that the application of hydroelectric energy limitations by the cross-regional STA algorithm can significantly improve the cross-border resource coordination. This is especially the case when compared to the current approach of individual energy limitations where only the resource situation of each individual bidding zone is considered. In the updated Week Ahead Adequacy Assessment STA Methodology, the function of central hydroelectric energy limitations has been incorporated.

The RSC Project Manager presents the Project Initiation Documentation for the development of the rotational principle in the CGM creation and the detailed business process to be ready before the CGM go-live in Q4 2021.

The RSC Project Manager submits for SOC approval the Business Requirements Specifications for the Coordinated Security Analysis (CSA) Input Data Consistency Function and Coordination Function and the data classification for data types that are exchanged within the CSA business process.

SOC Decision

- SOC notes the nomination for Working Group OPC and STA Services Operation and approves the nominated convenor for a mandate of 2 years, starting 02 December 2020.
- SOC approves the Coordinated Week Ahead Adequacy Assessment STA Methodology v.1.7.4, which incorporates hydro modelling improvements.
- SOC approves the Project Initiation Documentation for creating the Project “CGM Creation Service – business process” under the RSC Project
- SOC approves the Business Requirements Specifications for the Coordinated Security Analysis Input Data Consistency Function and Coordination Function.
- SOC approves the classification of the data types that are exchanged within the Coordinated Security Analysis business process

9. Steering Group Strategy

The Convenor of Steering Group Strategy informs the SOC about the nominations received for the Working Group TSO-DSO Convenorship role and asks the members to approve the proposed candidate.

The Convenor of Steering Group Strategy presents the feedback after the October workshop where it was discussed the regional structures and RCC’s role in ENTSO-E and suggests future structures to deal with the topic of regional coordination.

The System Vision 2030 Project Manager provides a summary of the virtual ENTSO-E Vision webinar’s week during 12-14 October 2020, engaging close to 4.000 individual participants coming from very diverse backgrounds: policy makers, market actors, consumer associations, academia, ... as well as from TSOs (around 25% of participants). Feedback from the webinar series has been very positive. One of the main takeaways contributing to this is the format of the Vision: our added value as TSOs is to be able to present an overall vision for the future of the power system, showing how all the different parts fit together in a comprehensive presentation, and being able to identify the main conclusions: the future as a system of systems, at the same time more European and more local, with system operators as key facilitators to achieve the energy transition.

The Convenor of Steering Group Strategy presents a summary of the developments in TSO-DSO cooperation, especially the Memorandum of Understanding with EU DSO Entity, the Network Code on Demand Side Flexibility and the finalization of Smart Grid Performance Indicators, a common proposal of DSOs and TSOs.

SOC Decision

- SOC notes the nomination of convenor for Working Group TSO-DSO and approves the candidate for a mandate of 2 years, starting 02 December 2020.

10. Steering Group Operational Framework

Steering Group Operational Framework Convenor presents the criteria developed for clarifying short circuit current limit violations. The Convenor proposes a common interpretation that precises' when a TSO shall inform other TSOs about the system state, respecting the legal framework set by System Operations Guideline (SO GL).

Steering Group Operational Framework Convenor recalls the ENTSO-E obligation to publish by 30 September 2021 a report concerning the tasks delegated to RSCs according to Art. 77 of SO GL (CGM, CSA, OPC and STA). The project team has developed a template for the report to be published based on best-estimate data and it is presented to the SOC for approval.

Decision:

- SOC approves that:
 - If a TSO has a Short Circuit Current problem (maximum or minimum short-circuit current limit is exceeded) in one of its substations, even after activating remedial actions, with possible consequences on other TSOs (Article 19 (4) SOGL- wide area state), this TSO has to declare Alert system state via EAS and through that inform other TSOs about it.
 - If a TSO has a Short Circuit Current problem (maximum or minimum short-circuit current limit is exceeded) lasting more than 60 minutes in one of its substations or after all available remedial actions are exhausted, with possible consequences on other TSOs (Art. 19 (4) SOGL - wide area state), this TSO has to declare Emergency system state via EAS and through that inform other TSOs about it. When there are elements affected which other TSOs have in their external contingency list, these TSOs should activate an exceptional contingency for the affected elements.
- SOC approves the template for the Regional Coordination Assessment report (SO GL Art. 17).

11. Steering Group Operations

Steering Group Operations Convenor provides a status report on latest developments over a series of ongoing projects. The Convenor informs about the start of new activities as well.

12. Approval of the Minutes

Decision:

- SOC approves the Minutes of the 63rd SOC Meeting for publication.