

Data open within ENTSO-E

67th SYSTEM OPERATION COMMITTEE MEETING: MINUTES

Agenda item TOP_11 for decision
ENTSO-E System Operations Committee Meeting
Date 29 September 2021
Time: 08:30 – 17:00
Place: webinar

Participants

APG	Chair
RTE	Vice-Chair
TenneT TSO B.V.	Member
TenneT DE	Represented by TenneT B.V.
Elering	Member
REE	Member
AST	Member
HOPS	Member
Terna	Member
Terna	Invited
Elia	Member
Transelectrica	Member
APG	Member
CREOS	Member
Energinet	Member
Energinet	Invited

50 Hertz	Member
Fingrid	Member
TransnetBW	Member
REN	Member
OST	Member
CGES	Member
SEPS	Member
National Grid ESO	Substitute Member
Swissgrid	Member
Admie	Member
Amprion	Substitute Member
Statnett	Proxy to Statnett
SvK	Member
MAVIR	Member
MEPSO	Member
PSE	Member
PSE	Member
Litgrid	Member
EMS	Member
TSO Cyprus	Substitute Member
ESO EAD	Member
ESO EAD	Substitute Member
EirGrid/SONI	Substitute Member
ČEPS	Substitute Member
VUEN	Guest

ČEPS	StG Strategy Convenor
AST	StG IT&Tools Convenor
Amprion	RSC Project Manager
RTE	StG Operations Convenor
50Hertz	StG Operational Framework Convenor
TenneT	StG System Resilience Convenor
Nordic RSC	Invited
Baltic RSC	Invited
Selene CC RSC	Invited
SCC	Invited
Coreso	Invited
ENTSO-E Secretariat	Organizer

Minutes

1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 67th System Operations Committee meeting which takes place via teleconference.

DECISION

The SOC Chair notes that the meeting is quorate.
The SOC Chair 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, the Steering Group Transmission and Distribution Interface and the Active 2020+ programme.

3. SOC Organisation and Budget

The SOC Chair outlines the main procedural milestones leading to today's election for Steering Group Operational Framework convenor, in compliance with the Articles of Association and the

Internal Regulations and notably that the documentation concerning the nominations was circulated on 15 September 2021. The vote takes place using the written voting process and a single combined ballot.

The SOC Chair provides further updates on the StG IT&Tools and StG Regional Coordination convenorship for which the Members are expected to follow an election process in the near future.

Next, the ENTSO-E Secretariat System Operations Manager presents the proposed dates for the SOC meetings in 2022 and asks the Members to announce any unavailability.

ENTSO-E Secretariat Head of Operations provides updates on the new structure of the section, focusing on roles and responsibilities within the Secretariat. He further presents a status report of all relevant contractual frameworks.

ENTSO-E Secretariat System Operations Manager informs the Members about the results of the 2021 quarter two budget forecast and about the final budget proposal for 2022.

DECISIONS

SOC:

- takes note that there are two candidates for the open position of the Steering Group Operational Framework convenor
- unanimously agrees that for the Steering Group Operational Framework convenor position the vote will be organised by secret ballot
- appoints ENTSO-E Secretariat to count the votes and communicate the results during the SOC meeting on 29 September 2021
- appoints the candidate voted in favour by the majority based on the results of the secret ballot
- acknowledges that the newly appointed convenor is assigned to fulfil the mandate until 1 October 2022

4. Steering Group Strategy

The StG Strategy convenor gives a status update on the StG Strategy activities including the SOR Appeal, TSO-DSO topics and the Fit For 55 Package.

The StG Strategy convenor reminds that on 21 April 2021, SOC decided that the regional coordination work should be facilitated in a new Steering Group after RSC Project closure in October 2021 and requested that a Terms of Reference (ToR) was drafted for the new group. This would additionally facilitate that ENTSO-E lives up to the requirement from Art.30(1)(e) to adopt a framework for the cooperation and coordination between RCCs. SOC is asked to approve the ToR and initiate the Steering Group.

Article 37(1) of Regulation (EU) 2019/943 (the Electricity Regulation) describes RCC tasks, including the calculation of the maximum entry capacity (MEC) available for cross-border participation in

capacity mechanisms. The technical specifications for cross-border participation in capacity mechanisms, approved by ACER on 22 December 2020, describe the RCC task for the MEC calculation. The StG Strategy convenor reminds that on 16 June 2021, SOC asked StG Strategy to prepare ToRs of a Task Team (TT) implementing this RCC task. SOC is now asked to approve the ToR of the TT MEC.

The StG Strategy convenor then updates SOC members about the development of a proposal for the RCC task related to TYNDP (in accordance with Art. 37(1)(p) of Regulation 2019/943) and the status of evaluation of a potential RCC task related to restoration (in accordance with Art. 37(1)(h) of Regulation 2019/943).

Finally, the StG Strategy convenor gives a status update on the Vision 2050 Project and the way forward. SOC members are invited to provide their feedback.

DECISIONS

SOC:

- approves the Steering Group Regional Coordination Terms of Reference which enables to fulfil the responsibility for ENTSO-E to adopt a framework for the cooperation and coordination between RCCs according to Article 30(1)(e) of Regulation 943/2019.
- approves the Terms of Reference for the Task Team Maximum Entry Capacity to be formally established under the Steering Group Regional Coordination, and to facilitate implementation of the Technical specifications for cross-border participation in capacity mechanisms in accordance with Article 26(11) of the Electricity Regulation

5. RSC Project

The RSC Project manager updates on the closure of the RSC Project on 31 October 2021 and the plans for transition to the new Steering Group on Regional Coordination for which the ToR are approved under Topic 4.

The RSC Project manager informs SOC that the regional STA successfully went live on 15 September 2021 after fulfilling the SOC-approved Go Live criteria.

6. CGM Programme

The CGM Programme director provides a detailed status overview on the TSOs and RSCs readiness. Further updates on the CGM Transition approach from 2022 onwards are presented.

The Head of the CGM Programme presents the summary of the quarterly External Regulatory report for the System Operations Coordination Group, which will be shared at their next September 2021 meeting.

DECISIONS

In line with the SOC endorsement from 16 June 2021 and subject to the announcement of CGM Programme's completion by the Board Chair in December 2021, SOC accepts that the permanent high-level governance of the Common Grid Model (CGM) and the related ownership of the budget will be under the SOC post Go-Live of the CGM Programme.

SOC:

- approves the approach to the CGM Transition
- approves the submission of the External Regulatory Report to the System Operations Coordination Group based on the centrally managed metrics.

7. Steering Group IT&Tools

The Steering Group IT&Tools convenor provides updates to SOC on the CGMES (Common Grid Model Exchange Standard). The CGMES is a key instrument which enables efficient data exchanges related to CGM and TYNDP processes. CGMES was published by IEC (International Electrotechnical Commission) as an international standard in June 2021. Since 2014, ENTSO-E is performing conformity assessment of vendors' application on CGMES to ensure a fast implementation of CGMES related projects via structured and targeted testing. Conformity assessment aims at increasing the level of quality of network code implementation projects. The CIM Expert Group has produced a new version (v3.0) of the CGMES conformity assessment scheme compliant with the newly published International Standard. It is proposed to publish the CGMES conformity assessment scheme v3.0 on ENTSO-E website. To have a proper conformity assessment process, it is necessary to have test models. CIM EG has produced a full set of test models that are compliant with this International Standard: Svedala, SmallGrid, RealGrid, MiniGrid, MicroGrid, FullGrid. It is proposed to publish the test models on ENTSO-E website.

The Steering Group IT&Tools convenor informs the Members of additional functionalities proposed to be developed and integrated in the European Awareness System (EAS). Also, he presents insights on the cybersecurity approach at SOC level.

DECISIONS

SOC:

- approves the CGMES Conformity Assessment Scheme v3 to be published on ENTSO-E website
- approves the CGMES test models compliant with CGMES International Standard to be published on ENTSO-E website

8. Steering Group System Resilience

The Steering Group System Resilience convenor informs that the Working Group Risk Preparedness delivered all obligations described by the Regulation and Methodology for the first cycle of the Regional Electricity Crisis Scenarios Identification and Evaluation as of 7 September 2021. With that, the Group is preparing for the second cycle of scenarios identification.

Following the 2020 Risk Preparedness Methodology, Article 8.2, the Steering Group System Resilience convenor asks SOC to approve the publication of the “Report assessing the need for development of computational methods and tools for assessment of regional electricity crisis scenarios” on the ENTSO-E website.

The Network Code on Cybersecurity project manager takes the floor and informs the members on the status of the formal drafting of the Network Code. ENTSO-E has a legal obligation to support the creation of the Drafting Committee based on Article 59 (10) of Regulation (EU) 2019/943 and thus SOC is asked to approve the Terms of Reference of the Network Code on Cybersecurity Drafting Committee.

DECISIONS

SOC

- approves the publication of the “Report assessing the need for development of computational methods and tools for assessment of regional electricity crisis scenarios” on the ENTSO-E website as per Risk Preparedness Methodology, Article 8.2
- approves the Terms of Reference of the Drafting Committee for the Network Code on Cybersecurity

9. Steering Group Operations

The Steering Group Operations interim convenor presents the scope of the “Protection System: Line Differential Protection and Teleprotection function behaviour over IP” report, which is to share experiences and knowledge of line differential and line distance protection and its behaviour for telecommunication services transition challenge to IP networks.

Next, the interim convenor asks SOC to approve both the “2020 Incident Classification Scale Annual Report” and the “2020 Annual Load Frequency Control Report”. The two reports fulfil the System Operations Guideline monitoring requirements for ENTSO-E.

The Steering Group Operations interim convenor seeks approval of the updates made on Continental Europe Synchronous Area Separation on 08 January 2021 report which was published on 15 July 2021. The changes are minor and include amendments and corrections of errors.

The Steering Group Operations interim convenor presents updates on the current ongoing investigations for ICS Scale 2, latest updates on EAS Usage Procedure and as well updates on the long-term frequency stability scenarios.

DECISIONS

SOC:

- approves the report “Protection System: Line Differential Protection and Teleprotection function behaviour over IP” and its publication on the ENTSO-E website
- approves the “2020 Incident Classification Scale Annual Report” and its publication on the ENTSO-E website
- approves the “2020 Annual Load Frequency Control Annual Report” and its publication on the ENTSO-E website.
- approves the updated version of “Continental Europe Synchronous Area Separation on 08 January 2021 report” and its publication on the ENTSO-E website, after informing the Expert Panel.

10. Steering Group Operational Framework

The Steering Group Operational Framework convenor asks SOC to approve the updated Terms of Reference (ToR) of the Steering Group. The revised version is due to the evolution in the regulatory framework, what has led in a change of role of the Steering Group Operational Framework from the development of Network Codes and Guidelines to the implementation and/or amendments of the Network Codes and Guidelines. Furthermore, the revised ToR ensures alignment between the different roles of SOC Steering Groups, what specially implies considering the foreseen role and tasks of Steering Group Regional Coordination that is just being formed.

Article 37(1)(g) of Regulation (EU) 2019/943 requires ENTSO-E to develop a proposal for the RCC task: “training and certification of staff working for regional coordination centres”. The dedicated project team prepared the draft proposal during spring 2021 followed by an iterative discussion with ACER during June and July. The Steering Group Operational Framework convenor asks SOC for approval of the draft proposal for public consultation in October/November 2021.

Next, the Steering Group Operational Framework convenor reminds the Members on the creation in April 2021 of Working Group Probabilistic Risk Assessment (PRA) and asks to elect the proposed convenor for two years mandate. The Working Group Probabilistic Risk Assessment convenor will lead the ENTSO-E activities in the PRA area so as to fulfil TSO’s PRA obligations as set by the Coordinated Security Analysis Methodology (CSAM). To ensure the reduction/elimination of any duplicating structures within ENTSO-E, is proposed to bring forward the close-out of Project Team Implementation of Data Collection for PRA.

DECISIONS

SOC:

- approves the updated Terms of Reference (ToR) for Steering Group Operational Framework
- approves the draft proposal on the task “Regional Coordination Centres Training and certification” (Article 37(1)(g) of Regulation (EU) 943/2019) for public consultation, considering the feedback provided during the meeting

- approves the close-out and finalisation of Project Implementation of Data Collection for Probabilistic Risk Assessment (PRA).

11. Approval of Minutes for Publication

DECISIONS

SOC approves the Minutes of the 67th SOC meeting for publication.