

Data open within ENTSO-E

73rd SYSTEM OPERATION COMMITTEE MEETING: MINUTES

Agenda item TOP 14 for decision
ENTSO-E System Operations Committee Meeting
Date: 30 November 2022
Time: 08:30 – 16:30
Place: Brussels/Webinar

Participants

APG	Chair
RTE	Vice-Chair
50Hertz	Member
50Hertz	Substitute member
Amprion	Member
AST	Member
ČEPS	Proxy on behalf of CEPS
CGES	Substitute member
ELES	Member
ELIA	Member
EMS	Member
Energinet	Substitute member
ESO	Substitute Member
Fingrid	Substitute member
HOPS	Member
IPTO	Member

IPTO	Substitute member
Litgrid	Member
MAVIR	Member
NOS BiH	Member
PSE	Member
PSE	Substitute member
OST	Member
REE	Member
REN	Member
RTE	Substitute member
SEPS	Member
Statnett	Member
Statnett	Substitute member
Svenska Kraftnät	Member
Swissgrid	Member
Swissgrid	Substitute member
TenneT TSO B.V.	Member
TenneT GmbH	Represented by TenneT TSO B.V.
TERNA	Member
TERNA	Substitute member
Transelectrica	Member
Transnet BW	Member
TSO Cyprus	Proxy on behalf of TSO Cyprus
APG	Guest
PSE	Guest

Swissgrid	Guest
TERNA	Guest
VUEN	Guest
Energinet	Convener of the Working Group Probabilistic Risk Assessment
Eirgrid	Convener of the Working Group Risk Preparedness
Swissgrid	Convener of Communication Networks Core Team and Central SIEM Extension Project Manager
Swissgrid	Convener of Verification Platform System Core Team
CEPS	Convener of Core Team EAS
TenneT	Project Manager (for ACER list of data)
APG	StG Regional Coordination co-Convener
TERNA	StG Regional Coordination co-Convener
ČEPS	StG Strategy Convener
RTE	StG Operations Convener
Swissgrid	StG Operational Framework Convener
Amprion	StG System Resilience Co-convener
TenneT	StG System Resilience Co-convener
CORESO RCC	Invited
Nordic RCC	Invited
Selene CC RCC	Invited
SCC RSC	Invited
TSCNET RCC	Invited
ENTSO-E Secretariat	Organiser

Minutes

1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 73rd System Operations Committee meeting which takes place in hybrid format (physical presence and teleconference).

DECISIONS

- 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, Board, ICTC, Resource committee, StG T&D Interface.

3. SOC Organisation and Budget

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

The 2022 Q3 budget forecast and 2023 Assembly approved budget is submitted to SOC for information.

Finally, an update is given to the members about the amendments to the Multi-Lateral Agreements (MLAs).

DECISIONS

TOP 3.2 SOC Budget updates

- SOC acknowledges the 2022 Q3 budget forecast
- SOC acknowledges the Assembly approved 2023 budget

4. SOC new internal organisation

The SOC Vice-Chair presents the outcomes of the SOC internal organisation workshop that took place on 19 October 2022 and presents an action plan

5. Task Force for Operational Coordination for Winter 2022-2023 update

The convener of the Task Force (TF) for Operational Coordination for Winter 2022-2023 gives a status update of the weekly meetings of the Operational Group.

The convener gives then an update regarding the legal and technical analysis that have been made regarding load shedding.

DECISIONS

TOP 5 TF for Operational Coordination for Winter 2022-2023 update

- SOC acknowledges the provided legal analysis on the existing load shedding governing rules.

6. SOC-ICTC transition

The System Operations (SO) manager reminds the SOC members on the expected transition of topics and structure from SOC to ICTC including the followed timeline for this transition. Acknowledgement of transition plan is requested to SOC. The Joint Transition Group is asked to further develop the documents for the final governance model.

The SO manager explains actions requested from SOC in the scope of the transition.

DECISIONS

TOP 6 SOC-ICTC Transition

- SOC approves the transition to ICTC of:
 - o the Network Code on Cybersecurity (NC CS)
 - o the Red Team Blue Team training
 - o the Generic Security Plan Working Group (GSP WG)
 - o the support to Communication Networks Core Team (CN CT)
 - o the European Awareness System Core Team (EAS CT)
 - o the support to Verification Platform System Core Team (VP CT)
 - o the OPC STA IT & Security team
 - o the OPDE IT & Security team

7. Steering Group Operations

The Steering Group Operations Convener summarizes the report on “Controlled Switching Device: Application, Use and maintenance problems”, to be published on the ENTSO-E website.

The convener gives then a status update on the ISA SG (Inter-Synchronous Area Sub-Group) work, and more precisely on the EU position on HDVC operation with Great Britain.

After this, the convener presents the Crisis Communication process, which is a set of procedures, rules and actions applicable for TSOs and ENTSO-E secretariat in case of a major incident in the grid or power system that affects more than one TSO or that affect one TSO with a significant impact on the functioning of a European power grid.

The convener follows by giving a status update on Year Ahead Scenarios work 2022, including data collection for each region and CGMES data delivery.

The convener terminates by giving a status update regarding the implementation of Incident Classification Scale (ICS) Scale 2 2021 incidents recommendations.

DECISIONS

[TOP 7.1 Approval for publication of the “Controlled Switching Device: Application, Use and maintenance problems” Report](#)

- SOC approves the “Controlled Switching Device: Application, Use and maintenance problems” Report

8. Steering Group Operational Framework

The Steering Group Operational Framework (StG OF) convener updates the SOC members about the progress made on the project to deliver Common Grid Models to ACER in the context of their Network Codes and Guidelines implementation monitoring mission.

The convener follows then by updating the SOC members about the reassessment of the amendments to the CSA methodology presented during the previous SOC meeting.

Upon SOC approval, the relevant team under the guidance of StG OF will proceed with the next steps of the methodology revision process.

The convener informs then the members about the discussions about Requirements for Generators (RfG) ramping requirements, and outlines the proposed way forward (investigate mitigating measures developed by RGCE per LFC block are sufficient, possible SAFA amendment).

The convener then gives some information on the Low Frequency Demand Disconnection (LFDD) survey currently in progress.

The convener then terminates by giving an update on the ongoing Market Suspension & restoration TSO survey.

9. Steering Group Regional Coordination

The StG Regional Coordination (ReC) Conveners explains the context of the development of a target architecture for RCC (RSC) services, to facilitate the convergence of the as-is technical implementation and governance with legal obligations, in a manner which takes account of critical considerations (e.g., cost, efficiency, architectural, security). This target architecture is now submitted to SOC for approval and will then be handed over to Information and Communications Technology Committee (ICTC).

The StG ReC conveners then present the results of the calls for nomination of conveners for the Short-Term Adequacy (STA) – Outage Planning Coordination (OPC) Task Team and the Coordinated Security Analysis & Capacity Calculation Task Team.

Then the StG ReC conveners explain the proposal from the Operational Planning Data Environment Application Security Centre (OPDE ASC) for the OPDE audit strategy for 2023. The StG ReC conveners continue by giving an update about the European Merging Function (EMF) assessment.

Following this, the StG ReC conveners remind the members that the External Regulatory Report aims at showing the progress made with regards to the end-to-end CGM Business Process including readiness of RCC Tasks. It aims at facilitating high-level discussions with NRAs, ACER and European Commission (EC) and providing the necessary transparency on the topic as requested by the System Operation Coordination Group (SO CG). This report is submitted to SOC for approval to further submit it to the SO CG in December 2022.

The conveners then conclude by giving an update on the current CGM completeness and quality explaining initiatives to increase them.

DECISIONS

TOP 9.1 Target Architecture for alignment of RCC (RSC) services technical implementation

- SOC approves the Target Architecture developed by the StG ReC, as the basis for further development of Change/Implementation Plans by each service exchanging data via OPDE
- SOC approves the handover of the Target Architecture by StG ReC to ICTC by December 2022, to facilitate its development of technical considerations and implementation

TOP 9.2 STA OPC TT/ CSA CC TT Conveners nominations approval

- SOC approves the new convener nomination for the STA OPC TT with a 2-year mandate, starting 1st December 2022.
- SOC approves the new convener nomination for the CSA CC TT with a 2-year mandate, starting 1st December 2022.

TOP 9.3 Proposal for OPDE Audit approach for 2023

- SOC approves the OPDE Audit approach for 2023, as proposed by the OPDE Application Security Centre (ASC).

TOP 9.5 Approval of the External Regulatory Report for System Operation Coordination Group

- SOC approves the submission of the External Regulatory Report to the System Operations Coordination Group (SO CG) based on the centrally managed metrics including the detailed integrated roadmap showing the implementation / migration planning of tasks per RCC and associated region

10. Steering Group IT&Tools

The VP CT convener explains that following the governance principles implemented and described in the Verification Platform Multilateral Agreement (VP MLA) dated 1st January 2020, SOC is requested to approve the yearly release plan and the 5-year development roadmap prepared by the Verification Platform System Core Team.

The Communication Networks Core Team (CN CT) convener then informs about the Electronic Highway (EH) Migration Project objective which was to migrate all EH traffic onto the Physical Communication Network (PCN). The migration of the EH traffic over PCN was achieved successfully. The convener explains that EH Migration Project can be closed with effective date 31 December 2022.

Finally the Electrical System Coordination Manager on behalf of the European Awareness System Core Team (EAS CT) convener gives an update on the access of the RCCs to EAS. A survey was conducted to ask SOC members if they had objections against providing the EAS information to RCCs. He then explains the proposed way forward.

DECISIONS

TOP 10.1 Approval of Verification Platform (VP) 5-year Roadmap and Release Planning 2023

- SOC approves the contents of VP System yearly release plan for 2023 and 5-year development roadmap

TOP 10.2 Electronic Highway Migration project closure

- SOC acknowledges the report made by the Project team about EH migration achievement, and the completion of the post-migration checks and adjustments.

SOC authorises the TSOs to proceed to EH lines dismantling in two steps:

- o As of first week of December 2022: logical shutdown of the EH lines' interfaces,
- o As of third week of January 2023: physical dismantling of the lines.
- SOC approves the EH Migration Project closure with effective date 31 December 2022

11. Steering Group System Resilience

The Steering Group System Resilience (StG SR) Convener presents the results of the calls for nomination of conveners for the StG SR and for the Working Group Resilience of the Cyber-Physical System (WG R-CPS).

The StG SR convener then gives an update from Working Group Risk Preparedness and explains that:

- WG Risk Preparedness is updating a paper on the Analysis of National Risk Preparedness Plans in relation to the use of the 2020 ENTSO-E regional scenarios; the final paper is to be submitted to first SOC meeting in 2023 (Feb 2023).
- WG Risk Preparedness has initiated work on updating the Risk Preparedness Methodology – based on inputs provided by stakeholders in the past (including the ENTSO-E response to ECG). The plan is to submit the updated methodology to SOC for approval in June 2023.
- Work has been initiated on the preparations for a second cycle of Identification of Regional Electricity Crisis Scenarios, in parallel with the update to the Risk Preparedness Methodology

The convener follows by giving an update from WG Critical Systems Protection (CSP) on recent meeting focused on security of assets. Outcome of this meeting is that WG CSP will continuously monitor the discussed issues in close cooperation and evaluate and develop possible countermeasures.

Finally, an update is given about the progress on the Network Code on Cybersecurity (NCCS). A summary of the NCCS next steps planned in 2023 is explained to the members.

DECISIONS

TOP 11.1 Approval of a new co-Convener for Steering Group System Resilience

- SOC approves the received nomination as co-Convener of the Steering Group System Resilience, as of 1st December 2022 and with a mandate terminating on 12 February 2024.

TOP 11.2 Approval of Working Group Resilience of the Cyber-Physical System Convener nomination

- SOC approves the received nomination as Convener of the Working Group Resilience of the Cyber-Physical System as of 1st December 2022 for a two-year mandate.

12. Steering Group Strategy

The convener starts by giving an update about the Energy Community adoption of the EU Energy Law.

The Steering Group Strategy convener recalls the purpose of Working Group (WG) TSO-DSO, which has provided inputs and proposals to the StG Transmission & Distribution Interface (T&DI) since early 2020. The StG Strategy proposes the formal closing of the WG TSO-DSO. Following questions from members, a clarification is given about how some specific topics will be followed by StG TD&I.

The convener then explains that WG TSO-DSO, in coordination with Task Force Data Access and Interoperability and the Task Force on Demand Side Flexibility, organised in October 2022 a series of workshops on national practices on data exchange in the context of Demand Response .

Finally, in regards of RCC Restoration Task (Art. 37.1.h), the convener explains that due to limited resources availability the current schedule cannot be met anymore. In alignment with SOC Chair (September 2022) it was agreed to update the project plan to take this constraint into account.

DECISIONS

TOP 12.1 Formal closure of Working Group TSO-DSO

- SOC approves the formal closing of Working Group TSO-DSO by 31 December 2022

TOP 12.3 RCC Restoration Task (Art. 37.1.h) – Revised project plan

- SOC acknowledges the revised project plan.

13. AOB

14. Approval of Minutes for Publication

DECISIONS

- SOC approves the Minutes of the 73rd SOC meeting for publication.