

Data open within ENTSO-E

## 70th SYSTEM OPERATION COMMITTEE MEETING: MINUTES

### ENTSO-E System Operations Committee Meeting

Date: 27 April 2022

Time: 08:30 – 17:00

Place: Brussels, ENTSO-E Premises

## Participants

APG	Chair
RTE	Vice-Chair
50Hertz	Member
Amprion	Member
APG	Member
APG	Substitute Member
AST	Member
CEPS	Member
CEPS	Substitute member
CGES	Substitute member
CREOS	Member
Cyprus TSO	Member
Elering	Member
ELES	Member
ELIA	Member
EMS	Member

Energinet	Substitute member
ESO-EAD	Substitute member
Eirgrid/Soni	Substitute member
Fingrid	Substitute member
HOPS	Member
IPTO	Member
IPTO	Substitute Member
Litgrid	Member
MAVIR	Member
MEPSO	Member
NOS BiH	Member
OST	Member
PSE	Member
PSE	Substitute member
REE	Member
REN	Member
RTE	Substitute member
Statnett	Member
Svenska Kraftnät	Member
TERNA	Member
Transelectrica	Member
Transnet BW	Substitute Member
TenneT TSO B.V.	Substitute Member
TenneT TSO GmbH	Represented by TenneT B.V.
Swissgrid	Member

VUEN	Guest
CEPS	EAS Core Team Convener
Swissgrid	Communication Network Core Team Convener
50Hertz	StG Regional Coordination Convener
ČEPS	StG Strategy Convener
RTE	StG Operations Convener
Swissgrid	StG Operational Framework Convener
CORESO RSC	Invited
Nordic RSC	Invited
Selene CC RSC	Invited
TSCNET RSC	Invited
ENTSO-E Secretariat	Organizer

## Minutes

### 1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 70th 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, the Board, the Steering Group Transmission and Distribution Interface and the Active 2020+ 7 key priorities.

### 3. SOC Organisation and Budget

SOC Members receive updates on organisational aspects and on the status of the Assembly approved 2022 budget after the Q1 forecast, as well as the overview on the 2023 budget process.

### 4. ICTC implementation: status update on SOC structures affected

As part of the implementation and subsequent operational phase of the new ENTSO-E Information and Communication Technologies Committee (ICTC), the respective project team updates SOC on the recent interactions and interviews with all existing Committees for collecting all relevant information and details about the working level interactions expected with and from ICTC. Since SOC is one of the most impacted Committees by the implementation of ICTC, the project team closely engaged with the SOC Chair, Vice-Chair and Conveners in order to gather all needed information to organize the transition of relevant topics from SOC to ICTC, and to establish a work interaction process.

### 5. Steering Group System Resilience

Steering Group (StG) Resilience reports on various ongoing and planned workstreams on Risk Preparedness Methodology that are handled within the respective Working Group (WG) under the StG. In addition, the relevant experts report on the status of the NC Cybersecurity as well as relevant trainings on the topic.

## DECISIONS

### [WG Risk Preparedness – Status and future development](#)

- SOC approves the proposed Terms of References of the Working Group Risk Preparedness

### 6. Steering Group Operations

The StG Operations convener updates the Committee on the status of the implementation of the recommendations from the three 2021 ICS Scale 2 investigation reports i.e. 8 January system separation, 17 May local power grid incident in Rogowiec (Poland) substation and 24 July separation of Iberia Peninsula from Continental Europe.

In addition, the convener reports on resource aspects on key subgroups and projects.

### 7. Steering Group Operational Framework

The StG Operational Framework (OF) convener commences the discussion with status of the assessment of the existing SO GL data exchange framework and the related KORRR methodology. The Task Force (TF) that carried out the relevant analysis proposes several amendments to the KORRR methodology, indicating potential further issues of attention to be addressed at national

level or otherwise. The follow up work includes relevant stakeholder engagement and alignment with provisions from the standardisation community.

The convener continues with the report from the Working Group Operational framework Methodology for Evaluation (WG OME) which has recently updated its Terms of Reference to address internal organisational arrangements. Additionally, WG OME has been working and delivering on various topics which are either within the objectives of the group or closely related to the group competence e.g. assessment for Recommendation no. 11 of the 8 January 2021 ICS Investigation Expert Panel Report.

## DECISIONS

### *Proposal of amendments to “Key Organisational Requirements, Roles and Responsibilities relating to data exchange” (KORRR) Methodology and other relevant provisions*

- SOC approves the draft proposal for amending the “The Key Organisational Requirements, Roles and Responsibilities relating to data exchange” (KORRR) Methodology in a possible future amendment process, prepared by the Steering Group Operational Framework, as submitted within this session file and incorporating the proposal from the meeting.

## 8. Steering Group Strategy

The StG Strategy convener updates SOC on the status of Energy Community adaptation of EU energy law, most notably Regulation 2019/943, SOGL and NCER. Then, the convener reminds SOC members of a call for nomination of experts on data interoperability and access.

Second, the convener updates SOC on the transformation of the existing Working Group CEP into the Working Group Future Legislation (WG FL). WG FL under the guidance of StG Strategy shall be responsible for participating within ENTSO-E in the assessment and advocacy of the new legislation packages with a system operation perspective, supporting SOC representatives or representing SOC directly, and for proposing further actions within SOC where relevant.

WG CEP ensured that overlapping activities were properly transferred in coordination with the respective conveners to the relevant SOC Steering Groups.

The convener continues with updates on updates on RCC Tasks according to Article 37(1) of the Regulation 2019/943 (Electricity Regulation). ENTSO-E is required to develop a proposal for the RCC task described in Article 37(1)(h): supporting the coordination and optimisation of regional restoration as requested by transmission system operators and Article 37(1)(j): the regional sizing of reserve capacity.

On the restoration task (Art. 37(1)(h)) an ENTSO-E project team evaluated different approaches to that task and narrowed it down to the one with added value to the restoration process. Further elaboration in the direction of the proposed solution is expected.

On the sizing task (Art. 37(1)(j)), a legal assessment was performed within ENTSO-E following relevant interactions with ACER. The current draft of the Methodology combines a short-term

assessment of the availability of sharing amounts performed on a day-ahead basis together with an analysis of minimum reserve capacity requirements on SOR level on yearly basis. The timeline for this task has been extended to March 2023 in agreement with ACER to ensure proper evaluation.

StG Strategy convener concludes with updates on the Vision 2050 project.

## DECISIONS

### Approval of the Terms of Reference for Working Group Future Legislation

- SOC approves the Terms of Reference of the Working Group Future Legislation to be established under the Steering Group Strategy and notes that Working Group CEP is now closed upon this approval

### RCC Restoration Task – Decision on task scope Art.37(1)(h)

- SOC acknowledges the presented analysis, the respective assumptions and the evaluation regarding the development of a proposal for the RCC task described in Article 37(1)(h) of the Regulation 2019/943 (Electricity Regulation).

### RCC Sizing Task – Decision on time plan and task scope Art.37(1)(j)

- SOC approves the proposed updated detailed project plan that ensures meeting the new deadline for submission of the RCC Sizing Proposal on 17 March 2023, as agreed with ACER.
- SOC approves the proposed updated Project Initiation Document (PID) for submission of the RCC Procurement Proposal on 17 March 2023.

## 9. Steering Group Regional Coordination

The StG Regional Coordination (ReC) convener presents the status of work related to the STA methodology “Coordinated Week Ahead Adequacy Assessment STA Methodology v.1.7.5” which incorporates consideration of Flow-Based (FB) parameters. In order to be implemented in the STA pan-European Tool, a dedicated Task Force within all TSOs/RSCs STA members has been working in order to translate the methodology into a Business Requirements Specification (BRS). The BRS is submitted for approval together with a proposed timeline.

The convener continues with updates on Article 45(3) of the methodology for coordinating operational security analysis (CSAm), as approved by ACER in June 2019 and considering the amendments approved by ACER in June 2021. The article requires that the adequacy of the cross-regional day-ahead coordinated operational security assessment process is regularly assessed. This reassessment of CSA common hours analyses the opportunities to start earlier and to reduce the total duration of the day ahead CSA process listing any barriers for starting earlier or reducing the total length of the process. The conclusions are presented to SOC before final submission to ACER.

As regards, the Quality of CGMES Dataset and Calculation (QoCDC) which is a key document that provides a set of rules for Individual Grid Models (IGMs) and Common Grid Models (CGMs) to be compliant with to ensure the merging of IGMs into quality CGMs and the processing of those IGM/CGM by the TSO community across Europe, the relevant team submits the v3.2.1 for approval and subsequent publication on the ENTSO-E website. The publication aims at:

- version consistency between the approved document and the actual quality rules implemented in the Operational Planning Data Environment (OPDE) production environment; and
- accessibility for vendors.

The changes made to the QoCDC v3.2.1 from the existing QoCDC v3.2 does not require any TSO or RSC/RCC to modify their existing tool implementation.

Last, the convener addresses the challenges of using OPDE for OPC and STA tasks and submits a solution to enable the further advancements of the OPC business process in the short term.

## DECISIONS

### STA pan-European tool – Approval of Business Requirements for consideration of flow-based capacities

- SOC approves the Business Requirements Specification (BRS) for consideration of flow-based parameters in the STA pan-European tool
- SOC approves to prioritize the flow-based consideration over Must run in STA pan-EU Tool as presented in the cover note and during the meeting

### Approval of the reassessment of CSA common hours

- SOC approves the reassessment of CSA common hours prepared in accordance with article 45(3) of the methodology for coordinating operational security analysis for submission to ACER

### Approval and publication of Quality of CGMES Dataset & Calculations (QoCDC)

- SOC approves the version 3.2.1 of the Quality of CGMES Dataset and Calculation (QoCDC) document and its publication on the ENTSO-E website.

### Approval of the strategy for CGM-OPDE data exchanges/validation with OPC/STA

- SOC approves Option B (Export CGM extract / Validation at OPC) as presented in the cover note which involves delivering OPDE changes to extract data required for Object Registry Profile validations in OPC/STA tools and implementing OPC/STA input validations in central OPC/STA tools

## 10. Steering Group IT&Tools

The StG ITT commences the updates with matters on Communication Networks (CN) and in particular the CN Financial Management Process document which addresses in a concise and

appropriate way the financial details. The document that has been reviewed by all relevant groups/parties is submitted for approval.

Furthermore, related CN Framework documents have been subject to changes to allow proper communication setup and data exchange between UkrenergO and ENTSO-E TSOs.

The reporting continues with updates related to the OPDE Security Incident and Event Management service (SIEM) system design and implementation for the CGM Go-live which were initiated and coordinated by the former CGM Programme. An update of the MVS Agreement was done to cover the new OPDE SIEM Hosting and Application Operation service including the detailed definition of the service and its service level objectives.

During the second half of 2021 the centralization of SIEM was discussed during several Steering Group IT&Tools meetings and an assessment for a suitable legal set up that could accommodate a centralized SIEM was prepared.

Several options we proposed and reviewed by Steering Group IT&Tools and Dc, which favoured the future extension of central SIEM to other ENTSO-E applications through the CN MLA – to be addressed in a future dedicated project.

The EAS Core Team convener updates SOC about the steps that have been made to investigate on Application Security Centre (ASC) services provision for EAS. After dedicated calls to TSOs, an offer was submitted and endorsed for SOC decision.

Last, EAS team presents the submitted project initiation document (PID) for a pilot concept definition for EAS data streaming. The PID was prepared and reviewed by all relevant ENTSO-E groups.

## DECISIONS

### Approval of CN Financial Management Process

- SOC acting as the CN MLA Steering Committee approves the CN Financial Management Process as part of the CN Framework

### Approval of CN Framework Annex 1, Annex 2 and Participant Profile updates

- SOC acting as the CN MLA Steering Committee approves the proposed update of the CN Framework Documents as described in the cover note
- SOC acting as the CN MLA Steering Committee approves the extension of the indirect data exchange service between UkrenergO and ENTSO-E TSOs, to support Phasor Data Concentrators (PDC) data exchange, as described in the cover note.

### Approval of central SIEM next steps

- SOC approves the extension of central SIEM for the use of OPC and STA Pan European Tools under Article 26(2)(c) of the MVS Agreement, until the target central SIEM contractual setup is established

- SOC approves the extension of central SIEM to other ENTSO-E applications through the CN MLA. The agreed model is to handle the whole central SIEM usage, for OPDE and other applications, as a transverse infrastructure under the CN MLA.

#### Approval of the appointment of EAS Application Security Centre

- SOC approves the appointment of EAS Application Security Centre based on the recommendation of Steering Group IT & Tools.

## 11. Approval of Minutes for Publication

### DECISIONS

- SOC approves the Minutes of the 70th SOC meeting for publication.