

Data open within ENTSO-E

80th SYSTEM OPERATIONS COMMITTEE MEETING: MINUTES

Agenda item TOP 10 for decision
ENTSO-E System Operations Committee Meeting
Date: 24 April 2024
Place: Paris / Webinar

Minutes

1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 80th System Operations Committee meeting which takes place in Paris. The Agenda is approved with the agreed changes.

The SOC Chair and Vice Chair update the Committee on latest news from the General Assembly, Board, and Resource committee.

The SOC Chair presents for election the two convenorship roles under the SOC structures.

DECISIONS

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

TOP 1.3 Elections

SOC:

- approves the nominee from Amprion as Sizing & Procurement Task Team Convenor for a two-year mandate starting 24 April 2024.
- approves the nominee from EirGrid as Risk Preparedness Working Group Convenor for a second two-year mandate starting 16 February 2024.

2. Steering Group Regional Coordination

The Steering Group Conveners presents the CGM action plan that focuses on the following key areas:

- Streamline the project governance;
- Support TSOs to improve their grid models;
- Benchmark the merging functions of the RCCs;
- Solve inconsistencies between the CGM Build Process methodology and some of the regional processes based on the CGM, in particular the CSA methodology in the Core region;
- Reassess the OPDE roadmap to onboard new operational business service and to enhance the existing functionalities to ensure timely and stable delivery of CGM;
- Organise the transition to the latest CGMES standard, while ensuring that this transition does not compromise the planned date for the first (cross-)regional services based on the CGM.

The Steering Group Conveners inform that they received a request on 28 August 2023 from Baltic RCC aiming to make Coordinated Security Analysis (CSA) and Coordinated Capacity Calculation (CCC) tool available to Baltic TSOs over Physical Communication Network (PCN) and the Operational Planning Data Environment (OPDE) via their Balancing Management Tool (BMS). The Steering Group coordinated the Business Assessment, IT/Security Assessment and Legal Assessment in accordance with the “OPDE Service Access process”. The results of the assessment are presented to the SOC Members.

The Steering Group Conveners inform that they received a request on 26 June 2023 from the CorNet project for their European Merging Function (EMF) tool to access Operational Planning Data Environment (OPDE), in the scope of the Common Grid Model (CGM) creation service performed by TSCNet and Coreso. The Steering Group coordinated the Business Assessment, IT/Security Assessment and Legal Assessment in accordance with the “OPDE Service Access process”. The results of the assessment are presented to the SOC Members.

The Steering Group Conveners remind that the requirements prioritization for future OPDE developments is a yearly process to define the main development streams (defined as Priority Focus Areas - PFAs) and to estimate the budget for the following 5 years (focusing more on Year +1). They present the proposed priorities for the period 2025-2029.

DECISIONS

TOP 2.1 – Approval of the CGM action plan 2024 - 2025

SOC:

- Approves the CGM action plan and its implementation.

TOP 2.2 – Approval of OPDE Access: Baltic RCC BMS Tool

SOC:

- Approves the access request to OPDE ECP/EDX layer for Baltic RCC's BMS tool for CSA and CCC data exchange subject to final endorsement by ICTC during its meeting on 25 April 2024.

TOP 2.3 – Approval of OPDE Access: CorNet EMF tool/process

SOC:

- Approves the access request to OPDE for the CorNet EMF tool for the delivery of the CGM Creation Service.

TOP 2.4 – Approval of CGM Priority Focus Areas

SOC:

- Approves the 2025-2029 Priority Focus Areas for CGM OPDE as a basis for the budget planning for OPDE development.

3. Steering Group Resilient Operation

The Steering Group Conveners present for approval the updated Terms of References of all permanent structures underneath as a follow up of the SOC restructuring in 2023. Convenors provide an update on the work progress under working groups, focusing on latest developments on the ENTSO-E Awareness System Core Team and Inter-Synchronous Area Working Group.

DECISIONS

TOP 3.2 Approval of updated Working Group's Terms of References

SOC:

- approves the updated Annual Load-Frequency Control Working Group Terms of Reference
- approves the updated Critical System Protection Working Group Terms of Reference
- approves the updated Incident Classification Scale Working Group Terms of Reference
- approves the updated Inter-Synchronous Area Working Group Terms of Reference
- approves the updated Resilience of Cyber-Physical System Working Group Terms of Reference
- approves the updated Operational Group Terms of Reference
- approves the updated Protection Equipment Working Group Terms of Reference
- approves the updated Risk Preparedness Working Group Terms of Reference

4. Steering Group Operational Framework

The Steering Group Convener reminds that the new Network Code on Demand Response (NC DR) has been drafted in accordance with ACER Framework Guidelines on Demand Response by the TSO-DSO Development Team jointly established with the DSO Entity. The NC DR and, the amendment proposals to ensure consistency between the new code and the current network codes and guidelines, will be jointly submitted by the DSO Entity and ENTSO-E to ACER on 08 May.

The Steering Group Convener presents the proposed amendments to the Regulation 2017/1485 establishing a guideline on electricity transmission system operation (SO GL) and the related methodology Key Organisational Requirements, Roles and Responsibilities, in line with the NC DR. Those amendments refer to the grid prequalification process of service providing group and the definition of DSO observability area in the NC DR. Moreover, the NC DR includes new provisions on prequalification for local products that need to be aligned with the prequalification process in SO GL related to reserves.

Additionally, in ACER's Framework Guideline, ACER recommends that the technical requirements to provide demand response services are moved from the Network Code Demand Connection (NC DC) to the SO GL to limit the scope of the NC DC to capabilities for the grid connection. This refers to extracting from NC DC the Title 3, named "Connection of demands units used by a demand facility of a closed distribution system to provide demand response services to system operators", and including it into SO GL.

The Steering Group Convener informs that the amendment proposal is still in discussion with the EU DSO Entity.

The Steering Group Convener presents the updated Terms of References of the Network Code on Emergency and Restoration Expert Team (NC ER ET). The ToR has been updated to better reflect the tasks and objectives of the team, which are in line with the SOC restructuring in 2023.

DECISIONS

TOP 4.2 Approval of amendment proposal to SO GL in relation with the draft Network Code on Demand Response

SOC:

- Approves the changes to the amendments proposal to the System Operation Guideline and Key Organisational Requirements, Roles and Responsibilities related to the DSO observability area.
- Approves the principles to propose amendments to the System Operation Guideline related to prequalification.
- Approves the principles to propose amendments to the System Operation Guideline aiming to integrate Title 3 and articles 41 and 45 of Network Code Demand Connection.

TOP 4.3 Approval of the NC ER Expert Team Terms of Reference

SOC:

- approves the updated Terms of Reference of the Network Code Emergency & Restoration Expert team.

5. Steering Group Strategy

The Convener presents for approval the Project Initiation Document (PID) for a project analysing the next necessary steps regarding operating the future system-of-systems, as a follow up of the ENTSO-E Vision: 'A Power System for a Carbon Neutral Europe'. 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 also key principles from the system operation perspective shall be developed within the project.

The Convener reminds that in December 2021 SOC established a Project Team (PT) under Steering Group Strategy which gathers both TSOs and RCCs experts to develop an RCC Restoration Support Task as required by Regulation 2019/943 Art. 37 (1)(h). Furthermore, Regulation 2019/943 Annex I requires that RCCs are equipped with 'close to real-time supervisory control and data acquisition systems' to enable the observability required for the performance of the task. The PT RCC Restoration Task prepared a draft methodology for future RCCs support to TSOs in restoration activities, which is submitted for approval to share informally with ACER.

DECISIONS

TOP 5.1 Approval of the PID for Operating the systems of Systems

SOC:

- approves the PID for "Operating the system-of-systems" project.

TOP 5.2 Approval of RCC restoration methodology (art.37.1.h) to be shared informally with ACER

SOC:

- approves the version 1 of methodology on RCC Restoration Task as the basis for informal discussions with ACER.

6. Regional Groups highlights

The Regional Groups Conveners provide updates regarding the operational processes in their respective synchronous areas.

7. SOC Organisation

The Secretariat informs the Members on organisational aspects, and vacancies in the different Steering Groups and at the Secretariat within the Market & Operations section.

DECISIONS

TOP 7.1 Budget updates

SOC:

- acknowledges the 2024 Q1 budget forecast.
- takes note of the information provided on the 2025 Initial Budget Proposal and 5-years budget planning for the SOC Steering Groups and for the software platforms governed by VP MLA, MVS Agreement, RSC Services MLA and EAS DEDA.

8. Stakeholders' engagement

The Steering Group Operational Framework Convener, with support from the SOC Chair, gives an overview of all the external stakeholders fora related to system operation, where ENTSO-E provides support in organisation of the meetings, but also technical expertise on different topics.

9. Ukrenergo' s participation in operational processes

The Work Stream Operational Processes Leader provides a status update on the actions developed since January 2024 regarding the implementation of a roadmap that will enhance the participation of Ukrenergo in selected operational processes.

10. Approval of Minutes for Publication & Actions

DECISION

SOC:

- Approves the Minutes of the 80th SOC meeting for publication.

Participants

SOC CHAIRMAN

TSO	COUNTRY	TITLE	REMOTE	IN PERSON
RTE	France	Chairman		<input checked="" type="checkbox"/>

SOC VICE- CHAIR

TSO	COUNTRY	TITLE	REMOTE	IN PERSON
Amprion	Germany	Vice-Chair		<input checked="" type="checkbox"/>

MEMBERS AND SUBSTITUTES

TSO	COUNTRY	TITLE	REMOTE	IN PERSON
50 HERTZ TRANSMISSION	Germany	Substitute		<input checked="" type="checkbox"/>
AMPRION	Germany	Member		<input checked="" type="checkbox"/>
APG	Austria	Member		<input checked="" type="checkbox"/>
AST	Latvia	Substitute	<input checked="" type="checkbox"/>	
CEPS	Czechia	Member		<input checked="" type="checkbox"/>
CGES	Montenegro	Member		
CREOS LUXEMBOURG	Luxembourg	Member		<input checked="" type="checkbox"/>
EIRGRID & SONI	Ireland	Member	<input checked="" type="checkbox"/>	
ELERING AS	Estonia	Member	<input checked="" type="checkbox"/>	
ELES	Slovenia	Member		<input checked="" type="checkbox"/>

ELIA SYSTEM OPERATOR	Belgium	Member		<input checked="" type="checkbox"/>
ENERGINET	Denmark	Member		<input checked="" type="checkbox"/>
ESO-EAD	Bulgaria	Substitute	<input checked="" type="checkbox"/>	
FINGRID	Finland	Member	<input checked="" type="checkbox"/>	
HOPS D.D	Croatia	Member		<input checked="" type="checkbox"/>
IPTO	Greece	Member		<input checked="" type="checkbox"/>
JP EMS	Serbia	Member/ Substitute		<input checked="" type="checkbox"/>
LANDSNET	Iceland	Member/ Substitute		
LITGRID	Lithuania	Member		<input checked="" type="checkbox"/>
MAVIR ZRT	Hungary	Member		<input checked="" type="checkbox"/>
MEPSO	Rep. of North Macedonia	Member/ Substitute	<input checked="" type="checkbox"/>	
NOS BIH	Bosnia Herzegovina	Member/ Substitute	<input checked="" type="checkbox"/>	
OST	Albania	Member	<input checked="" type="checkbox"/>	
PSE	Poland	Member		<input checked="" type="checkbox"/>
REE	Spain	Member		<input checked="" type="checkbox"/>
REN	Portugal	Member		<input checked="" type="checkbox"/>
RTE	France	Member		<input checked="" type="checkbox"/>
SEPS	Slovakia	Member		<input checked="" type="checkbox"/>
STATNETT	Norwegia	Member		<input checked="" type="checkbox"/>
SVENSKA KRAFTNÄT	Sweden	Member		<input checked="" type="checkbox"/>
SWISSGRID	Switzerland	Member		<input checked="" type="checkbox"/>
TENNET TSO BV	Netherlands	Member		<input checked="" type="checkbox"/>
TENNET TSO GMBH	Germany	Member		<input checked="" type="checkbox"/>
TERNA	Italy	Member		<input checked="" type="checkbox"/>
TRANSELECTRICA	Romania	Member		<input checked="" type="checkbox"/>
TRANSNETBW GMBH*	Netherlands	Member		<input checked="" type="checkbox"/>
TSO CYPRUS	Cyprus	Member/ Substitute	<input checked="" type="checkbox"/>	
UKRENERGO	Ukraine	Member		<input checked="" type="checkbox"/>
VUEN	Austria	Member	<input checked="" type="checkbox"/>	

RCC/ RSC REPRESENTATIVES

RCC/ RSC	COUNTRY	TITLE	REMOTE	IN PERSON
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CORESO		Representative		<input checked="" type="checkbox"/>
TSCNET		Representative		<input checked="" type="checkbox"/>
BALTIC RCC		Representative		<input checked="" type="checkbox"/>
NORDIC RCC		Representative		<input checked="" type="checkbox"/>
SCC		Representative		<input checked="" type="checkbox"/>
SELENE CC		Representative	<input checked="" type="checkbox"/>	

CONVENERS

TSO	COUNTRY	CONVENER	REMOTE	IN PERSON
TERNA	Italy	StG ReC		<input checked="" type="checkbox"/>
APG	Austria	StG ReC		<input checked="" type="checkbox"/>
ENERGINET	Denmark	StG Strategy		<input checked="" type="checkbox"/>
AMPRION	Germany	StG Resilient Operation		<input checked="" type="checkbox"/>
EIRGRID	Ireland	StG Resilient Operation		<input checked="" type="checkbox"/>
SWISSGRID	Switzerland	StG Operational Framework		<input checked="" type="checkbox"/>
REN	Portugal	Continental Europe Regional Group Convener		<input checked="" type="checkbox"/>
ENERGINET	Denmark	Nordic Regional Group Convener		<input checked="" type="checkbox"/>
LITGRID	Lithuania	Baltic Regional Group Convener		<input checked="" type="checkbox"/>
EIRGRID	Ireland	Convener Regional Group Ireland/ Northen Ireland		<input checked="" type="checkbox"/>

ORGANISER

ENTSO-E SECRETARIAT	Belgium	Support		<input checked="" type="checkbox"/>
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