

94th System Development Committee Meeting

Date: 7 December 2022

Time: 09.00 – 13.00h

Place: Web-conference

Participants list

Chairman

	Amprion	Germany
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Vice Chairman

	RTE	France
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Members

1.	50Hertz	Germany
2.	Amprion	Germany
3.	AS Augstsprieguma tikls	Latvia
4.	Creos Luxembourg	Luxembourg
5.	Crnogorski elektroprenosni sistem AD	Montenegro
6.	Elering	Estonia
7.	Eles	Slovenia
8.	Eirgrid	Ireland
9.	Elia System Operator	Belgium
10.	Energinet	Denmark
11.	Fingrid	Finland
12.	HOPS d.d.	Croatia
13.	Litgrid	Lithuania
14.	Mavir	Hungary
15.	MEPSO	Republic of North Macedonia
16.	PSE	Poland
17.	REN	Portugal
18.	RTE	France
19.	Seps	Slovakia
20.	Statnett	Norway
21.	Svenska Kraftnät	Sweden
22.	Swissgrid	Switzerland
23.	TenneT TSO BV	Netherlands
24.	Transmission System Operator-Cyprus	Cyprus
25.	Transelectrica	Romania
26.	TransnetBW	Germany

Substitutes

27.	<i>Amprion</i>	<i>Germany</i>
28.	APG	Austria
29.	Ceps	Czech Republic
30.	EMS	Serbia
31.	<i>MEPSO</i>	<i>Republic of North Macedonia</i>
32.	REE	Spain
33.	SONI	Northern Ireland
34.	TenneT TSO GmbH	Germany
35.	Terna	Italy
36.	<i>Transelectrica</i>	<i>Romania</i>
37.	<i>TransnetBW</i>	<i>Germany</i>
38.	VUEN	Austria

Conveners WGs and SGs

1.	SG TYNDP 2022	Spain
2.	WG System Design Strategy and SG Scenario Building	Netherlands
3.	ONDP Central Group	Denmark
4.	StG Connection Network Codes	Germany

Conveners RGs

1.	RG Baltic Sea	Germany
2.	RG North Sea	Netherlands
3.	RG Continental South-East	Serbia
4.	RG Continental South-West	Spain
5.	RG Continental Central East	Czech Republic
6.	RG Continental Central South	Italy

Secretariat

1.	ENTSO-E	
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Excused

1.	ESO-EAD	Bulgaria
2.	IPTO	Greece
3.	Landsnet	Iceland
4.	NOSBiH	Bosnia&Herzegovina
5.	OST-Operatori i Sistemit te Transmetimit	Albania

1. Attendance, quorum and approval of draft Agenda

The SDC Chair welcomes all participants to the 94th SDC meeting. The last meeting of the year is taking place again virtually.

The SDC Chair confirms that participants can formally cast their vote via teleconference on decisions proposed during the meeting.

The SDC Chair welcomes a new substitute from Terna, the new Convenor of RG Continental South-West, elected on 10 November 2022 and a staff member from the Section Communication & Strategy to present the EU Policy updates.

The agenda is approved without further changes.

DECISION

34 out of 39 of the TSOs represented in the System Development Committee are attending the meeting, the SDC Chair states that the Committee meeting reaches the necessary quorum of half its members.

2. SDC Planning Programme

2.1. SDC Dashboard 2022

The SDC Programme Manager gives an overview of the SDC Dashboard. He also summarises the ongoing work on the TYNDP 2024 PID and a review of the SDC programme PID. The main themes are to strengthen the coordination of SDC's planning activities and to make the current TYNDP Study Team more accountable to the Programme Management as the entity managing the different SDC studies (IoSN, CBAs, scenario quantification, in future ONDPs).

2.2. SDC projects and projects communication plans

The SD Programme Manager asks project manager and Convenors to provide communication plans for their projects or sub-projects by 20 January 2023, specifying the target audience, dissemination strategy, stakeholder engagement strategy, etc... The consistency between the communication plans will be checked and an overview will be presented at the SDC meeting in February 2023.

3. Report from Assembly 27 October 2022 and Board 16 November 2022

The SDC Chair summarises the main discussion and decision points of the recent Assembly and Board meetings. These included the adoption of the Association's annual budget, further discussion and appreciation of SDC's adequacy work, the observer membership of TEIAS and future revisions of the ENTSO-E independent Advisory Council.

4. SDC Meetings 2023

4.1. Dates and locations

The SDC Chair proposes the schedule for SDC meetings in 2023, taking into account the comments received from the members after the October meeting. The SDC Chair confirms that one webco meeting will take place among the five other physical meetings with the new format of two half-day meetings instead of a full day allowing travel in the morning of the first day and finishing after lunch on the second day. Members discuss the schedule proposed in the session file. The proposed date for June is shifted to accommodate constraints of some members.

The following dates are approved:

1. 95th SDC meeting: **14-15 February 2023** (2 half-day physical meeting)
2. 96th SDC meeting: **29 March 2023** (1 half-day webco)

3. 97th SDC meeting: **10-11-May 2023** (2 half-day physical meeting)
4. 98th SDC meeting: **20-21 June 2023** (1 full day SDC Strategy Seminar 2023 and 1 half-day physical meeting)
5. 99th SDC meeting: **20-21 September 2023** (2 half-day physical meeting)
6. 100th SDC meeting: **14-15 November 2023** (2 half-day physical meeting)

SDC members are welcome to organise a meeting outside Brussels and invite the Committee, and discuss options or questions with the Secretariat.

The SDC Chair also confirms the optional web-conference meetings in 2023 may take place among the following dates:

17, 18 or 19 October 2023

12 or 15 December 2023

DECISION

The SDC:

- approves the Committee meeting schedule for 2023, with a shift of the June meeting to 20/21 June 2023.

5. Resource Planning Overview 2023 and implementing the „ENTSO-E and TSOs together” scheme

The Head of Section informs the Committee how the previously discussed proposal on "ENTSO-E & TSOs together" is now aligned and approved by all Committee Chairs and how the first actions are being implemented in the SDC. The calls for experts are being reviewed to be more informative and focused on the global situation. An SDC Conference is planned for the second half of 2023 to stimulate exchanges between experts from different SDC work streams. The idea of recognising the experts involved in SDC is still relevant. Most importantly and visibly, the minimum resource contribution scheme is being implemented. Preparations are underway for transparent monitoring and reporting from 2023, which is welcomed by the Committee.

6. European policy update

The Secretariat gives an overview of the ongoing European legislative files, such as the Fit-for-55 Package and the recent adoptions and political agreements on emergency measures for gas and electricity in the context of the upcoming winter. The proposal to accelerate the deployment of RES was presented; the Committee stresses that grid development and grid connection procedures must also be able to keep pace.

7. TYNDP 2022

7.1 TYNDP 2022 Package

The SG TYNDP Convenor presents how the TYNDP 2022 Package has been updated following the public consultation, taking into account the comments from stakeholders but also the additional CBA results that have become available. The CBA computations are expected to be completed in December and TYNDP 2022 will be officially submitted to ACER in January 2023. The Committee congratulates the Steering Group, the Study Team, the Secretariat colleagues and all the TSO experts involved for this achievement.

The final updates of the CBA will be consulted with the project promoters and validated by the Steering Group; the SDC mandates this responsibility.

The SG Convenor also informs about the progress of the PCI/PMI process and in particular the ongoing work with ACER and the EC in the Cooperation Platform.

DECISION

The SDC:

- approves the TYNDP 2022 Package for publication and submission to ACER in line with the proposed process regarding available and ongoing assessments.

8. TYNDP 2024

8.1. CBA 4.0 Guideline

The Convenor of the DT CBA presents the status of the DT CBA and the status of the CBA 4.0 Guideline. The Convenor proposes changes to be included in the Guideline resulting from comments from ACER and the EC after submission to the SDC. The SDC appreciates these additions which give more clarity to the Guideline before publishing it for public consultation.

The Committee reiterates that it is important that only robust indicators are used and that relevant information is provided. Monetisation should not be pursued simply because it is mathematically straightforward if the assumptions are too uncertain.

The Committee also asks to ensure that external communications are clear as to why this Guideline is labelled CBA 4 when there is not yet a formally approved CBA 3.

DECISION PROPOSAL

The SDC:

- approves the draft CBA 4.0 Guideline for public consultation, with the small amendments suggested during the meeting.

9. Scenario Building 2024

9.1 Progress Report

The Secretariat reports on the status of scenario building, the consideration of climate and energy targets as prescribed by the TEN-E. Data collection with TSOs is well advanced, including clear interactions between gas/electricity TSOs. A workshop with the Long-Term Adequacy correspondents is being organised in December to shape energy demand data for the DE scenario and possibly the GA, using a new, more flexible and user-friendly tool.

Various external engagements are ongoing, with ESABCC, ACER and DSO Entity. The full stakeholder engagement plan will be shared with the SDC at one of the next meetings.

9.2 REPowerEU update of ENTSOG's scenarios

The Steering Group Convenor informs the Committee on the communication in the Steering Group from ENTSOG to ENTSO-E that, in order to fulfil an ad-hoc request from the EU Commission to examine the impact of REPowerEU on gas and hydrogen infrastructure, ENTSOG had decided to amend the scenarios using key H2 figures from the REPowerEU communication. This adaptation creates a divergence to the joint scenarios used in the electricity TYNDP. As communicated to ENTSO-E, in order to minimize impact on the electricity part of the scenario, ENTSOG has taken a couple of assumptions. A quick solution has been applied to shift the methane demand to REPowerEU H2 levels by means of additional dedicated RES for electrolyzers within the limits of 2040 RES figures. It would take the viewpoint of lowest cost H2 production, but not the most cost-effective overall energy demand and supply, where opportunities for direct electrification are missed. Similarly, increasing the share of RES even more rapidly, especially with high levels of curtailment, is not considered realistic or effective. The Committee recalls that it is essential that scenarios are subject to consultation to ensure transparency and trust in the process. Depending on the steps taken, the Committee will decide on a public statement.

DECISION

The SDC:

- takes note of the draft amendments suggested by ENTSOG to the joint 2022 scenarios and possible drawbacks in approach.

9.3 Project Manager role for ENTSO-E in joint Scenario Building work

The Head of Section reports that after a call for Convenor for the WG Scenario Building and various bilateral exchanges between TSOs, a proposal is developed to take over the project management role for the Working Group from the ENTSO-E side within the Secretariat. He notes that this PMO role within the Secretariat is already a proven practice for other projects such as TYNDP, ERAA, Seasonal Outlook and the majority of the WG D&M activities.

DECISION

The SDC:

- endorses the Secretariat to take up the project manager role and operational lead for the WGSB work on ENTSO-E side, in close coordination with the electricity members of the Steering Group and SDC Programme Management.

10. ONDP 2024

10.1 ONDP methodology progress

The Convenor of the ONDP Central Group updates the Committee on the status of the development of the ONDP methodology, and the main activities involving the ODCG. The methodology was reviewed by the SDC until the end of November 2022 and is now being finalised to enable the RGs to start their work.

The Committee chair invites the ONDP Central Group to develop clear plans to also involve external stakeholders in the development of the ONDPs, in addition to the group's engagement in the various regional PCI corridor meetings.

11. ERAA 2022

11.1. Progress report

The ERAA 2022 Steering Group Convenor informs the Committee of the publication of the ERAA 2022, as well as the stakeholder webinar held on 6 December 2022. A public consultation is ongoing until 13 January 2023.

12. ERAA 2023

12.1. Steering Group endorsement

The SDC Chair thanks the members for the nominations for the next ERAA Steering Group, the Market Study Team and the Editor's Team. All nominations for the Steering Group (more than expected) are approved. As the commitment for the Market Study Team and the Editorial Team is still below what is needed in total, the TSOs with Steering Group members are asked to provide a substantial commitment.

DECISION

The SDC:

- approves the nominations from Amprion, APG, CEPS, Elia, PSE, REE, RTE, TenneT TSO BV, Terna, and TransnetBW as members of the ERAA 2023 Steering Group, mandated to represent the view of the Committee in line with the ERAA 2023 PID.

12.2 ERAA implementation: resources and planned approach

The Adequacy Manager presents the updated roadmap, which considers the scope of the ERAA 2023 PID as approved last SDC meeting. The roadmap will be published on the ENTSO-E website.

DECISION

The SDC:

- approves the update of the implementation roadmap for ERAA for publication.

13. StG Connection Network Codes

13.1 Draft IGD on Compliance Verification: Monitoring after operational notification

The StG CNC Convenor introduces the new draft IGD. This is the third and last one on Compliance Verification, addressing the sub-topic of monitoring after the operational notification.

DECISION

The SDC:

- approves the draft Implementation Guidance Document on "Compliance Verification: Monitoring after operational notification".

13.2. 2022 CNC Implementation Monitoring Report

The StG CNC Convenor briefly presents the report. He thanks all NCLPs for their valuable contributions. He clarifies that the report would be made public, but that the timing would depend on the amendment process of the NC RfG and the NC DC. It would be published at the latest at the end of the process with ACER.

He also informs about the recent publication of all proposals submitted by the different stakeholders to the ACER public consultation on the amendments to the NC RfG and NC DC (available [here](#)). He encourages SDC members to engage with their NRAs on the ENTSO-E proposals.

DECISION

The SDC:

- approves the fourth edition of the “Monitoring Report on Connection Network Codes Implementation”.

14. WG Data & Models

14.1. Demand Forecast Toolbox

The Secretariat’s co-lead of the TF Demand presents the good results of the acceptance tests of the new DFT. The Committee welcomes these good results and requests more examples of benchmark tests.

DECISION

The SDC:

- takes note of the successful user acceptance tests performed by the TF Demand on the Demand Forecasting Toolbox (DFT).
- endorses the use of the DFT for future data collections and asks the SDC Programme Management to monitor its implementation.

14.2. Draft ToRs of the restructured StG D&M

The WG D&M Convenor informs the Committee about the progress of the new ToRs of the group. These are currently under consultation with the SDC study teams. The Committee will be invited to review the ToRs in mid-January 2023, prior to their validation at the February meeting.

14.3. TYNDP 2022 grid dataset validation

The Secretariat informs about the validation process by the SSCs in order to come to a TYNDP grid model that can be made publicly available (based on the agreed NDA process as for the previous TYNDP grid models). Some simplifications have been made to the model used in the TYNDP studies in order to comply with confidentiality agreements. Open comments from SSCs will be addressed before proceeding with the publication process.

DECISION

The SDC:

- takes note of the validation process of the TYNDP 2022 grid model by SSCs and approves the TYNDP 2022 grid model for publication, subject to confirmation by each SSC.

15. Any Other Business

15.1. NDA between ENTSO-E and Med-TSO on usage of SECI TSP regional network model

The SECI Convenor presents the background of the intention of ENTSO-E members in SECI and RG CSE to share their grid model with Med-TSO. ENTSO-E is asked to sign the NDA with Med-TSO in the framework of the existing Cooperation Agreement for this purpose.

DECISION

The SDC:

- endorses the signing of an NDA between ENTSO E Secretariat and Med-TSO, for the exchange of network models of TSOs that are members of SECI TSP with Med-TSO.

15.2. TEIAS as observer member in RG CSE and correspondents for WG Data & Models

The Head of Section informs the Committee of the next steps in the process of TEIAS becoming an observer member. A proposal is made for TEIAS to participate in similar SDC groups as Ukrenergo (also an observer member) and as TEIAS during their previous observer membership period.

DECISION

The SDC:

- proposes that TEIAS is invited as ENTSO-E observer to participate in the Regional Group Continental South-East and to appoint correspondents (SAC, LAC, SCC) for the WG Data & Models

16. Approval of the Decisions

All decision as presented during the meeting are approved.