

89th System Development Committee Meeting

Date: 1 April 2022

Time: 09.00 – 17.00h

Place: Thon Hotel Bristol Stephanie, Avenue Louise 91-93, 1050 Brussels

Participants

Chairman

	Amprion	Germany
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Members

1.	50Hertz Transmission	Germany
2.	Ceps	Czech Republic
3.	Elia System Operator	Belgium
4.	EMS	Serbia
5.	Energinet	Denmark
6.	HOPS	Croatia
7.	Litgrid	Lithuania
8.	TenneT TSO BV	Netherlands
9.	Transmission System Operator-Cyprus	Cyprus
10.	Transelectrica	Romania
11.	TransnetBW	Germany

Substitutes

12.	REE	Spain
13.	TenneT TSO GmbH	Germany

Conveners RGs

1.	RG Baltic Sea	Germany
2.	RG Continental South-East	Serbia
3.	RG Continental Central East	Czech Republic

Conveners WGs and SGs

1.	SG TYNDP 2022	Spain
2.	WG System Design Strategy	Netherlands

Secretariat

1.	ENTSO-E	
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Participants (*Microsoft Teams*)

Vice Chairman

	RTE	France
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Members

14.	Amprion	Germany
15.	AS Augstsprieguma tīkls	Latvia
16.	Creos Luxembourg	Luxembourg
17.	Eirgrid	Ireland
18.	Elering	Estonia
19.	Eles	Slovenia
20.	PSE	Poland
21.	REN	Portugal
22.	RTE	France
23.	Seps	Slovakia
24.	Statnett	Norway
25.	Svenska Kraftnät	Sweden
26.	Swissgrid	Switzerland

Substitutes

27.	APG	Austria
28.	IPTO	Greece
29.	OST-Operatori i Sistemit te Transmetimit	Albania
30.	SONI	United Kingdom
31.	Terna	Italy
32.	VUEN	Austria

Conveners RGs

4.	RG Continental South-West	France
5.	RG North Sea	Luxembourg

Conveners WGs and SGs

3.	WG Scenario Building	France
4.	StG Connection Network Codes	Germany
5.	Offshore Development Core Group (ODCG)	Denmark
6.	WG Asset Implementation & Management	Slovakia
7.	DT CBA	Germany

Excused

1.	ESO-EAD	Bulgaria
2.	Fingrid	Finland
3.	Crnogorski elektroprenosni sistem AD	Montenegro
4.	Landsnet	Iceland
5.	MEPSO	Republic of North Macedonia
6.	NOSBiH	Bosnia&Herzegovina

1. Attendance, quorum and approval of draft Agenda

The SDC Chair welcomes all participants to the 89th SDC meeting. The meeting is finally again taking place with a substantial in-person presence. Those not able to travel can still join via teleconference. The SDC Chair confirms that participants can formally cast their vote via teleconference on decisions proposed during the meeting.

There are no new members or substitutes in today's meeting.

The SDC Chair informs the Committee that the WG Seasonal Outlook Convenor stepped down from his role as he took on new responsibilities at Terna. The Committee thanks the Convenor for his valuable contributions over recent years in progressing ENTSO-E's Outlook process towards a more advanced methodology in line with legal requirements. The Season Outlook Steering Group elected its member from Elia as new WG Convenor.

The agenda is approved without further changes.

DECISION

32 out of 38 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. Most topics, in particular TYNDP, Scenarios, ERAA, Outlook, and Data & Models have dedicated topics for further discussion later in the agenda. He highlights that the Programme Management asked the study teams to develop further insights on how the 70% rule in TYNDP and ERAA context impacts modelling efforts and actual effects.

The Head of Section informs the Committee that the EC recently finalised its decision on the CBA methodology. The decision positively acknowledges the updates of the latest version, but partially rejects the methodology with a request to ensure mandatory calculations of net transfer capacities increases between multiple Member States are delivered. The DT CBA Convener states that this topic has been discussed in recent meetings with the EC, and the team is working on options for amending the CBA methodology.

3. Report from Board (10 March) and Assembly (31 March) meetings

The SDC Chair updates the Committee on recent Board and Assembly meetings. The emergency synchronisation of Ukraine and Moldova with Continental Europe was high on the agenda. Appreciation was given to the TSOs and ENTSO-E groups who made this happen in short time. Also, system adequacy was put on the agenda of Board and Assembly for strategic discussion. The importance of this topic increased in recent weeks with concerns on Russian energy import dependencies. The Board and Assembly supported SDC's proposal to provide regular and early insights on adequacy for next Winter and review the scope of TYNDP and ERAA to ensure next editions are relevant while meeting obligations of the legal mandate. The Chair of the SDC is asked to report on the status on the next Assembly Meeting. The Committee members inform about how this interacts with national risk preparedness plans, interactions with ENTSOG and EC, and how we can make sure legal mandated deliverables are relevant without focusing too much on smaller detailed complexities. These topics are also picked up in the Outlook and ERAA agenda items later in this meeting.

4. SDC Work Programme 2023 - proposal

The WG SDS Convenor presents ongoing work to shape SDC's internal 2023 Work Programme. All Convenors will be invited in coming days to add content to the outline prepared by WG SDS. The Work Programme will be submitted for SDC approval in May. As presented in last SDC meeting, this Work Programme is an internal Committee overview to clarify and monitor work priorities. It complements the Association-wide Annual Work Programme and the resource budgets being prepared for 2023.

5. SDC Strategy Seminar 2022 (Part II)

5.1. Topics proposal for 20 June 2022

The WG SDC Convenor shares initial thoughts from the WG on how to structure the next SDC Strategy Seminar 2022 (Part II). The provisional theme is 'future of energy cooperation: building a self-reliant system'. The recent energy crisis with geopolitical concerns, renewed European and Member State policy initiatives, and an overall higher attention to system resiliency and flexibility, all show a strong need to review SDC work priorities. Committee members are invited to provide further suggestions for the Seminar.

6. Resource plan

6.1. Proposal to support the resourcing

The Secretariat Programme Planning Manager gives an overview to the Committee of projected resource needs for the SDC legally mandated products. Overall needs increase due to new and/or more advanced methodologies, clearly for ERAA and Scenarios. In addition, also the ONDPs will require more work, and discussions are still ongoing on methodology approaches which then need to be translated to organizational needs. The work on Data and Models is foundational for all planning products, and recent Committee meetings already gave direction this needs to be more strongly embedded in the Secretariat, at least for operational data management work. At the same time, it is recognized that resources are scarce as TSOs are asked to perform very well on many different national and international tasks at the same time.

The SDC Chair builds on this, and present views of how to further motivate TSOs to commit experts for ENTSO-E work. In addition to having a more diligent and transparent long-term resource planning with clear

role descriptions, the benefits for individuals and for the TSO organizations should be better explained and further developed. The concept of an ENTSO-E Academy with certifications for specific contributions and achievements is discussed.

The Committee expresses support for the more profound resource planning exercise, and further efforts to attract more people. There is a need to secure a minimum level of baseload resources and to ensure retention. One idea expressed by several members is to keep baseload activities on communications, project management and system modelling at ENTSO-E via dedicated secondments and Secretariat staff, while ensuring new methodology development benefits from direct TSO contributions in more ad-hoc work. Several members highlight the need to have a renewed HR strategy with long-term focus. Also, regulators need to be made aware of why additional resources are to be provided by TSOs into ENTSO-E. The Academy approach also provides value as there would be a more structural way of informing TSOs and their staff of what ENTSO-E work means, before and during on-boarding.

The Head of Section asks to also ensure in the 2023 budget planning that critical roles in the various planning products can already be identified and secured soon. The SDC Chair takes note of the guidance and of the overall support to develop this direction further. The note on resource planning as shared in the session file will be updated, and main ideas will be shared with Board and Assembly.

7. European policy update

The Committee receives an update on various relevant European legislative files, including the Fit-for-55 package, the Hydrogen and Gas markets Decarbonisation Package, the REPowerEU initiatives, and the proposed Gas Storage Regulation.

8. ENTSO-E response to the EC open consultation on the Hydrogen and Gas markets Decarbonisation Package

The TF Sector Coupling Convener presents the main points of a draft response to the EC consultation on the Hydrogen and Gas markets Decarbonisation Package. The full draft response was recently shared with SDC for comments. Main feedback is presented with suggestions how to update the response. Further comments given in the SDC meeting will be taken on board. The updated response is submitted for SDC approval next week, with specific points to be aligned in FITACT.

9. WG Seasonal Outlook

9.1 Next Winter adequacy concerns due to fuel disruption risks

Since the invasion of Ukraine and raised concerns on Russian fuel disruptions, the WG Seasonal Outlook has convened regularly to review ad-hoc analyses and make a plan for further work to keep informing members and authorities on the dependency of the European power system regarding gas supply. The Head of Section informs the Committee of recent exchanges with EC and ENTSOG, and recent discussion with Board and Assembly. The Secretariat Adequacy Senior Specialist presents initial results based on the Winter Outlook 2021/2022 model, and a view of critical gas volumes needed to ensure pan-European system adequacy.

The Committee informs about specific data updates that may need to be considered to better reflect next Winter situation, such as coal supply disruptions, CHP accounting, higher demand due to economic growth,

or reduced demand in case of high prices. All such points will be collected via a survey that is shared with the Committee after the meeting. The survey is meant to capture priorities to update the Winter Outlook model and identify key sensitivities. The Committee endorses the initial results presented to be discussed with European and national authorities. Further insights are planned to become available in coming weeks. The WG SO Steering Group is mandated to validate new analyses based on further data collection for dissemination, subject to validation by SDC or specific national TSOs in case of specific strong assumptions on policy and regulatory measures.

DECISION

The SDC:

- takes note of the reporting.
- asks the WG SO to continue work on the Seasonal Outlooks in light of the energy import concerns.

ACTION

The SDC:

- approves the initial insights to be used for exchanges with EC, ECG and other European and national authorities as an ENTSO-E guidance on how to assess the impact of the gas crisis on electricity adequacy.
- mandates the WG SO Steering Group and the SDC Chair to decide on further data and analyses to be shared with EC and ECG, to ensure an efficient and swift exchange is possible. In case of new analysis with strong assumptions on policy and regulatory measures, any sharing externally is subject to either Committee approval or endorsement by the impacted TSOs as relevant.
- invites again all members to propose resources for the ongoing call to support ad hoc analyses.

10. ERAA 2022

10.1 Work in progress

The ERAA SG Convenor presents progress of ERAA 2022. In coming days, a Call for Evidence consultation on the main scenario data and key assumptions closes. Recent concerns on energy prices and fuel import dependencies from outside Europe also triggered renewed attention to ENTSO-E's adequacy work. The ERAA is committed to follow its legal requirements and the directions of the ACER methodology in a gradual implementation. The Steering Group is considering whether refocusing efforts from specific detailed methodologies to other sensitivities, further system insights, and robustness checks would make the ERAA 2022 more relevant for stakeholders. This principle idea to consider a new focus was raised in a recent high-level meeting with EC and ACER who were open to discuss proposals. The Committee discusses the ERAA SG proposal and confirms to further explore this direction with ACER and EC to keep the ERAA relevant and make most use of the material and insights available. The Committee confirms the ERAA still needs to meet its legal mandate obligation; it also needs to inform authorities but should not give preferences on what are essentially political decisions.

11. WG System Design Strategy

11.1. Offshore Network Development Plans: Update on the development of the Scoping paper

The ODCG Convenor gives an update on the scoping paper to prepare ENTSO-E's work on the new ONDPs. Various key methodological options are given which impact the link with the IoSN work and have a different level of detail in outcome. Comments raised confirm there is a need to keep onshore and offshore planning consistent. Such integrated view does not necessarily mean there is one IoSN run that includes all, but at least the interfaces or boundaries between the conventional IoSN and (regional) offshore studies need clear attention. The discussion also covers the link between the ONDP scenarios that cover MS target input with the TYNDP 2022 and 2024 scenarios. The guidance of the Committee is to not start with a too simplistic methodology, but nevertheless a realistic methodology. The ODCG and Programme Management are asked to liaise with relevant expert teams and assess which detail of methodology is reasonable. The ODCG plans to update the scoping paper by mid-April and - unless open questions remain - propose it for decision in the May SDC meeting.

11.2. EU solar strategy

The EU is preparing an EU solar strategy. A consultation is presently ongoing. The WG SDS Convenor summarises the main directions of available material. The WG is together with TF SC and PCG preparing a consultation response, based on earlier positions and available insights from ENTSO-E work.

12. WG Scenarios Building 2022

12.1. Finalization for publication

The WG Scenario Building Convenor informs the Committee on the status of the TYNDP2022 scenario report. SDC approved the report recently. The report is still awaiting ENTSOG approval as it is a joint ENTSOs work. Recent concerns over Russian import dependencies resulted in a need to add a clear disclaimer in the report. Initial views and exchanges with EC and ACER confirm all scenarios are still fit for purpose for TYNDP and the PCI process. In any case the NT/DE/GA scenarios have strongly different storylines, and a reader can take its own interpretation on how drivers affect a scenario outcome and relevance. Recent policy initiatives such as REPowerEU will feed into the TYNDP2024 scenario work.

13. TYNDP 2022

13.1. Status update and approval of updated roadmap

The TYNDP2022 Steering Group Convenor presents a slightly updated timeline for the ongoing TYNDP work. In addition to a promoter targeted consultation of draft project CBAs, also a short public consultation will be organized to ensure anyone can add comments on the CBAs of the entire TYNDP project portfolio.

DECISION

The SDC:

- approves the updated TYNDP 2022 roadmap.

ACTION

The SDC:

- asks the Secretariat to inform project promoters and the European Commission of the change in Roadmap.

14. TYNDP 2024

14.1. Feedback from mini retreat

The day before the SDC meeting, a mini-retreat session was held with Committee members on the TYNDP2024 preparations. A few workshops were held on this during March already with relevant Convenors. Also, valuable scoping work is already done in ODCG and WG SB for their parts related to the TYNDP. The SDC Programme Manager gives an update of the work and specifically of the mini-retreat outcome. Focus of the discussion was on offshore work, scenarios set-up and depth, and boundaries between TYNDP and ERAA. The SDC Chair thanks all involved people for the work so far. He asks that the direction of travel is summarized in a short strategic note for further internal dissemination. The next months require further work to give guidance for methodologies and setting up an actual project structure in a TYNDP2024 PID. A Committee member asks that also preparations for long-term grid models are included in the project plan as per an earlier SDC discussion.

14.2 Scenarios 2024: preparations of ACER framework guidelines

The WG SB Convenor summarises the recent exchanges with ACER who is tasked under the new TEN-E rules to initiate scenario framework guidelines. ENTSO-E's priorities for the next scenario phase (shared with ENTSOG) are to ensure due stakeholder engagement throughout the process, capture multiple future paths to address inherent uncertainties without narrowing down to just a single central reference scenario, and comply with the TEN-E requirements.

15. WG Data & Models

15.1. New WG Terms of Reference

The WG D&M Convenor shares views on how the WG can be restructured, as requested in a past SDC meeting. Questions are presented to guide the WG ToR update. The Committee confirms the value of embedding critical baseload/operational D&M roles for the SDC projects in ENTSO-E via Secretariat/secondment arrangements, while innovation and new tool/platform development requires a stronger TSO involvement. Due to time constraints this is not discussed further and will be picked up in a next SDC meeting or mini-retreat in May 2022.

15.2 Data collection status

The WG D&M Convenor summarises that several data collections were recently closed. Some TSOs will be contacted for specific questions on hydro and demand data.

16. StG Connection Network Codes

16.1. Appointment of Leader of Technical Guidance and Monitoring Team (TGMT)

A call was shared with SDC recently for a Leader role of the TGMT, which is a group combining the roles of three earlier separate groups. One application was received from an REE member of the group. The SDC thanks the member and REE for their support and endorses the new TGMT leader in his new role.

DECISION

The SDC:

- appoints the new Leader of the Technical Guidance and Monitoring Team (TGMT) reporting to the StG CNC, nominated by REE. The mandate starts as of 1 April 2022.

16.2. ACER initiation of the amendment process of the CNCs

The StG CNC Convenor informs the Committee on the timeline for CNC amendments as was recently shared by ACER in a grid connection stakeholder committee meeting. The StG is well prepared to feed crucial amendments into the process. A final set of proposals is still to be submitted to SDC in June.

17. Any other business

No other topics are discussed.

18. Approval of the Decisions

The SDC Chair states that all decisions taken during the meeting were either those proposed in the Session File or, if updated, those that were clearly shown and checked on the screen during the meeting.