

104th System Development Committee Meeting

Date: 19 June 2024

Time: 09.00-16.00h

Place: Grandium Hotel Prague, Politických vězňů 913/12, 110 00 Praha, Czech Republic

Participants (*physical*)

Chairman

	Amprion	Germany
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Vice Chairman

	RTE	France
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Members

1.	50Hertz Transmission	Germany
2.	Amprion	Germany
3.	Ceps	Czech Republic
4.	Crnogorski elektroprenosni sistem AD	Montenegro
5.	Creos Luxembourg	Luxembourg
6.	Elering	Estonia
7.	Elia System Operator	Belgium
8.	EMS	Serbia
9.	Energinet	Denmark
10.	Fingrid	Finland
11.	HOPS	Croatia
12.	IPTO	Greece
13.	Litgrid	Lithuania
14.	OST-Operatori i Sistemit te Transmetimit	Albania
15.	REE	Spain
16.	RTE	France
17.	Seps	Slovakia
18.	Svenska Kraftnät	Sweden
19.	Swissgrid	Switzerland
20.	TenneT TSO BV	Netherlands
21.	TransnetBW	Germany

Substitutes

22.	APG	Austria
23.	Crnogorski elektroprenosni sistem AD	Montenegro
24.	OST-Operatori i Sistemit te Transmetimit	Albania
25.	PSE	Poland
26.	REN	Portugal
27.	TenneT TSO GmbH	Germany
28.	VUEN	Austria

Conveners StGs and WGs and RGs

1.	StG Scenario Building and WG System Design Strategy	Netherlands
2.	StG TYNDP 2024	Spain
3.	StG ERAA 2023	Germany
4.	WG Analysis of Costs & Benefits	Germany
5.	RG Continental South-East	Serbia
6.	RG Continental Central East	Czech Republic
7.	RG Baltic Sea	Germany

Participants (*online*)

Members & Substitutes

29.	AS Augstsprieguma tikls	Latvia
30.	Eirgrid	Ireland
31.	Eles	Slovenia
32.	ESO-EAD	Bulgaria
33.	Mavir	Hungary
34.	SONI	Northern Ireland
35.	Statnett	Norway
36.	Terna	Italy
37.	Transelectrica	Romania
38.	Transmission System Operator-Cyprus	Cyprus
39.	Ukrenergo	Ukraine

Conveners StGs and WGs and RGs

1.	Policy & Communication Group	Italy
2.	StG Connection Network Codes	Germany
3.	WG Assets, Implementation and Management	Slovakia
4.	Convenor of WG Seasonal Outlook	Switzerland
5.	RG Continental Central South	Italy

Excused

6.	Landsnet	Iceland
7.	MEPSO	Republic of North Macedonia
8.	NOSBiH	Bosnia & Herzegovina

1. Attendance, quorum and approval of draft Agenda

The Chair of the Committee welcomed all Committee members. He welcomed the substitute members from CGES and Ukrenergo who participated for the first time in this Committee. He gave a special welcome to the new Convenor of the WG Analysis of Costs & Benefits and the recently elected Vice-Convenor of PCG. He warmly thanked Ceps for hosting the two-day meeting and creating an excellent setting for all members to interact.

The meeting was quorate. The agenda was endorsed without further updates.

DECISION

36 out of 40 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. Board updates

2.1 Debrief Board meeting 5 June 2024s

The Chairman highlighted the main topics discussed and approved at the last Board meeting. For the SDC, these included initial guidance for TYNDP 2026, the approach for next ERAAs, and the link with EMDR's work on flexibility. The Board also provided guidance for the initial 2025 budget proposal to be submitted to the Assembly. He asked all members to contact their Assembly member about the needs and strategic relevance of SDC's activities, as well as the proposed options for securing resources.

3. SD Programme Management

3.1. SDC Dashboard: Progress on products and resources

The Convenor of the Programme Management Group (PMG) presented an overview of the state of play across all projects based on the SDC dashboard. Ongoing work in the PMG focuses in particular on streamlining the data collection for ERAA 2025 and scenarios 2026, and on the preparation of flow-based domains for ERAA.

4. SDC Strategy Seminar 2024

4.1. Outcome and next steps

The Convenor of the WG SDS reflected on the SDC Strategy Seminar 2024, held the day before on 18 June 2024. Topics of the Strategy Seminar included strategic directions for TYNDP 2026, options for cooperation with the gas/hydrogen sector, broader SDC stakeholder engagement and communication, and further efficiencies of the SDC structure. The WG SDS will report back to the SDC by end of July 2024 with main takeaways, proposals for decision/action can be validated in the next Committee meeting.

DECISION

The SDC:

- takes notes of the discussion held at the SDC Strategy seminar 2024.

5. SDC Work Programme 2025

5.1. New SDC Work Programme 2025

The Convenor of WG SDS presented the new approach of setting up the SDC's 2025 annual Work Programme 2025. Committee members are invited to provide remaining feedback – if any – by the end of July 2024.

DECISION

The SDC:

- takes note of the draft SDC Work Programme 2025.

6. European policy update, focus on EU Elections Results

The PCG Vice-Convenor gave an update on the recent European Parliament elections, as well as the main takeaways from the recent Energy Council of 30 May.

7. Preparations for Copenhagen Energy Infrastructure Forum, 27-28 June 2024

The System Development Head of Section gave an overview of the agenda as set by the EC, and of ENTSO-E's contributions to the event. In addition to keep momentum on EU Grid Action Plan related topics, the technical sessions also allow to highlight TYNDP progress. Specifically for the hydrogen session, the opportunity can be taken to inform again on ongoing ENTSO-E alignment with EC and Member States for input sought for next ONDPs.

DECISION

The SDC:

- takes notes of the preparations for the Copenhagen Energy Infrastructure Forum.

8. StG Data & Models

8.1. Dashboard

The SDC Chair highlighted that the recent delivery of 2030NT grid models in AC and DC load flow calculations in a faster and more efficient manner is a great achievement. He thanked the StG D&M experts and all TSO correspondents for this success.

The System Modelling Manager summarised other progress and actions required via the D&M dashboard.

DECISION

The SDC:

- takes note of the StG Data & Models Dashboard.
- takes note of the updated Business Impact Assessment of the PEMMDB App

8.2. Scope and resource commitment for establishing a Common Market Modelling Format (COMODAS)

The ET Market leader presented the COMODAS project scope. The goal is to structure market data in a more robust way to strengthen the link with grid data. The common market format will be in the long run an advantage to benchmark tools and/or facilitate interoperability. The strengthened market-grid link is expected to deliver benefits in the short run, with for instance, adjustments in what is collected as PEMMDB

data to better fit with how data is collected for the grid models. In the longer run, a common improved format will also make the flow-based domains creation more efficient.

The Committee welcomed the initiative and asked to take it step by step based with clear views on scope, benefit and feasibility. The Committee asked for TSO experts to support this initiative and keep knowledge in the organisation.

DECISION

The SDC:

- takes note of StG D&M initiative aiming at assessing the feasibility of a Common Market Modelling Format (COMODAS).
- approves the TSO resource investment requires for the COMODAS feasibility study.

9. WG Seasonal Outlook

9.1. Winter Outlook 2024-2025 timeline

The Convenor of WG Seasonal Outlook presented the approach for the preparation of the coming winter outlook and the foreseen data collection starting early summer. He presented different options for date of product delivery, associated with different windows for possible data updates. The Committee discussed these options and confirmed the recommendation of the WG Seasonal Outlook.

DECISION

The SDC:

- endorses the timeline (option 1) aiming for a delivery of the coming Winter Outlook 2024-2025 report by 15 November 2024.

10. ERAA

10.1. ERAA 2024 Progress report

The Vice-Convenor of ERAA 2024 presented the state of progress of ERAA 2024 and the next steps for the coming weeks and months. He emphasized the tight timetable and highlighted the strong commitment of experts already planned and even an increased need for support from TSOs in the second and third quarters of 2024, both in terms of experts and computation power.

The Committee Chair urged all members to think about what is possible from their organization. He also asked the project team to continue to progressively share results when they become available with the Committee, and it is also important that Committee members quickly inform their organizations of upcoming ERAA 2024 results and messages.

DECISION

The SDC:

- takes note of the ERAA 2024 progress report.

10.2. ERAA strategic considerations for next editions

The Convenor of the Task Force ERAA Repurposing presented the outcomes of a TSOs survey on complementarity of national assessments and ERAA. The Committee members discussed extensively own experiences and expectations on this complementarity. While the Committee supports that the scenario framework for ERAA should evolve with multiple realistic projections and sensitivities, the Committee strongly underlined the value of both the ENTSO-E ERAA and national assessments, which do complement each other.

11. TYNDP 2024

11.1. Project Level Indicators data sharing

The TYNDP PMO presented the framework for sharing data with promoters for the purpose of computing their project level indicators (PLIs). The Secretariat has already received many requests for data. Promoters will be referred to the publicly available Scenarios 2024 data. As PLIs need to be computed on all scenarios and all climatic years, a process is processed to cover all such requests where appropriate, via NDAs.

If other requests involve confidential data, the default process remains in place: explicit Committee approval is again sought before data can be shared under a specific NDA.

DECISION

The SDC:

- approves the framework for handling data requests for the purpose of Project Level Indicator computations.
- approves the sharing of market outputs for 2030 NT and 2040 NT for CY 1995 and CY 2008, when requested by project promoters for the purpose of deriving Project Level Indicators and upon signature of an NDA.
- acknowledges the full list of data requested by the promoters.

11.2. Optimal Energy System Planning 2024

The Secretariat presented the background and the proposed approach to implement a PID for the Optimal Energy System Planning (OESP) 2024. The Committee requested to be kept updated on progress and results to allow for a proper review before a decision on publication in terms of format and timing is made.

12.1 TYNDP 2026

12.1. TYNDP 2026 Strategic paper

The Secretariat presented the key directions and options of the draft TYNDP2026 strategic paper and summarised the outcome of the Strategy Seminar on this topic. A KPIP will be developed from this strategic paper in the coming weeks, including the relevant results from the Strategy Seminar discussions and streamlining the text related to the system needs assessment. Further operational and governance aspects will be shaped in a dedicated PID that will be developed in parallel for SDC approval.

One member abstained.

DECISION

The SDC:

- approves the TYNDP 2026 strategic paper as basis for a further development of the TYNDP 2026 KPIP, taking into account the outcome of the SDC Strategy Seminar.
- approves the scenarios approach of one or multiple central references with variants based on national commitments, EU targets and ACER’s framework guidelines.

12.2. ONDP 2026 offshore target guidance for Member States

The Secretariat presented the draft ONDP 2026 guidance document and informed on the upcoming engagements with the EC and Member States. The SDC requested to keep the overall approach for collecting Member State target data aligned with the KPIP for the TYNDP 2026.

DECISION

The SDC:

- takes note of the draft ONDP 2026 offshore target guidance for Member States.

12.3. WG ACB: progress report

The Convenor of WG ACB delivered a status update on the activities of the group, including the status of the discussion on the improvements of CBA methodology and on the implementation options for the SB CBA and CBCS.

13. TYNDP Scenarios 2026

13.1. Scenarios framework and timeline

The Committee Chair thanked the Scenario Building members for their recommendations and proposed next steps, that helped to inform on the TYNDP2026 Strategic paper regarding next scenario cycle.

The Option 3 recommended (robust central NT+ scenario(s) with economic variants) was supported by the Committee. It should simplify and speed up the process, while providing most relevance in context of maturing NECPs and objective of the TYNDP.

The transition to the new approach could nevertheless require new initial investment. The NT+ scenario(s) would now be fully modelled scenarios based on the parameters of the alignments between the gas and electricity TSOs.

The initial detailed timeline shows that quantifying the NT+ datasets into ETM is the critical path to manage timely delivery of the scenarios. The Committee supported the next steps and asked for close alignment via PGM with StG D&M and StG TYNDP on how this new process fits into the full set of activities for next TYNDP.

One member abstained.

DECISION

The SDC:

- takes note of the recommendations for the TYNDP 2026 Scenarios framework

14. WG AIM

14.1. WG Terms of Reference updates

The WG AIM Convenor presented an updated version of the Working Group's Terms of Reference (ToR), in particular to reflect a new workstream that is established on supply chain topics in context of the EU Grid Action Plan. The Committee Chair thanked the WG for picking up this new activity and congratulated the good kick-off of the new workstream last week. Members are asked to provide comments on the draft ToR as soon as possible so they can be validated at the next meeting.

15. StG Connection Network Codes

15.1 ENTSO-E position on urgent connection requirements for Power-to-Gas demand facilities

As a follow-up to previous SDC meeting, where the roadmap for the development of a paper was approved, the StG CNC Convenor presented a draft position paper supporting the need to accelerate the national implementation of grid connection requirements for power-to-gas demand facilities, given the huge impact and risk they pose to system resilience. Given that there is 3-years gap from Q1 2025 when the DCC 2.0 is expected to enter into force until it needs to be implemented at national level (Q1 2028) and be used in power-to-gas projects, the paper calls on TSOs to engage with NRAs to begin discussions on how to develop these requirements as soon as possible.

Two amendment suggestions from SDC members were acknowledged (1) to also include all large sub-transmission connected Power-to-Gas demand facilities and (2) to remark that the foreseen requirements shall address at the minimum the following: RoCoF robustness, FRT capability and active power recovery after faults. The updates will be implemented in the final version of the position paper, which will be brought for Board approval in the next September meeting. Before the Board approval, in external engagements the assessment is presented as a technical risk analysis.

DECISION

The SDC:

- approves the draft position paper on the swift implementation of minimum technical requirements from NC DC for power-to-gas demand facility installations, including the comments made in the meeting.

15.2. ACER NC HVDC public consultation timeline.

The StG CNC Convenor reported on the NC amendment process. Regarding the NC RfG and NC DC, after ACER's recommendation publication in December 2023, the European Commission is expected to launch in September 2024 a consultation on amended legal texts. No vote is expected after the consultation, as the updated codes regulation will be a delegated act. Moreover, ACER launched on 17 June 2024 a public consultation to amend the NC HVDC; the consultation will last until 8 September.

The Committee will be asked to approve the feedback proposal in August. The Committee Chair invited all members to note this timeline and to request that preparations be made in each TSO to allow for written approval during the summer.

15.3. Status of StG CNC members

The StG CNC Convenor reminded that a call for leader for the Code Assessment Team (CAT) operational subgroup of the StG CNC was launched. The call is ongoing, and nominations can be sent until 28 June 2024.

16. Offshore Cost Sharing

16.1. PT CBCS: Progress report on the key messages on cost sharing

The Secretariat gave an update on the status of the work in PT CBCS, presenting the key messages on cost sharing developed ahead of the Copenhagen forum. Further assessment of the EC guidance on cost sharing will be done once it is released on 24 June 2024.

17. Task force Planning Standards

17.1. Project Inertia Phase II: Progress report

The Convenor of Project Inertia delivered a status update of the activities, covering the finalization of the milestone II report and the upcoming exchanges with EC and ACER on the project's latest results. The Committee Chair suggested to deliver a presentation for the Assembly in October 2024. It was noted that the scope of Project Inertia Phase II exclusively addresses SA CE.

17.2. Survey on grid hosting capacities (Action 6 of EU Grid Action Plan)

The Convenor of Task Force Planning Standards delivered an update on the status of a TSO survey on grid hosting capacities and the work ahead in the coming months. Some Committee members indicated their response will be sent soon.

18. Any Other Business

12.1. WG AIM Convenor mandate

The Committee Chair informed that the WG AIM Convenor mandate ends soon. A call for candidates will be launched after the meeting. SEPS already informed that they want to support a second term of the current WG Convenor.

DECISION

The SDC:

- takes note that the term of the WG AIM Convenor will end in September 2024.

19. Approval of the Decisions

All decisions as shown during the meeting are approved.