Final minutes

116th System Development Committee Meeting

Date & Time: 15 September 2026 from 13.30-17.30h **(GMT zone)**
Date & Time: 16 September 2026 from 09.00-13.00h **(GMT zone)**
Place: The Spencer Hotel, Excise Walk, International Financial Services Centre, Dublin 1, D01 X4C9, Ireland

Participants list

Chairperson

	REE	Spain

Members

1.	Amprion	Germany
2.	AS Augstsprieguma tïkls	Latvia
3.	Ceps	Czech Republic
4.	EirGrid	Ireland
5.	Elering	Estonia
6.	Elia System Operator	Belgium
7.	EMS	Serbia
8.	Fingrid	Finland
9.	HOPS	Croatia
10.	Litgrid	Lithuania
11.	REE	Spain
12.	Seps	Slovakia
13.	SONI	Northern Ireland
14.	Statnett	Norway
15.	Svenska Kraftnät	Sweden
16.	TenneT TSO BV	Netherlands
17.	TenneT TSO GmbH	Germany

Substitutes and other members

18.	50Hertz Transmission	Germany
19.	APG & VUEN	Austria
20.	*EirGrid*	*Ireland*
21.	ESO-EAD	Bulgaria
22.	IPTO	Greece
23.	PSE	Poland
24.	*REE*	*Spain*
25.	*SONI*	*Northern Ireland*
26.	Swissgrid	Switzerland
27.	Terna	Italy
28.	TransnetBW	Germany
29.	Transmission System Operator-Cyprus	Cyprus

Conveners StGs and WGs and RGs

1.	StG ERAA 2026	Germany
2.	StG TYNDP 2026	Czech Republic
3.	WG Asset Implementation Management	Slovakia
4.	RG Continental South-East	Greece
5.	RG North Sea	Ireland
6.	RG Baltic Sea	Germany
7.	RG Continental Central East	Germany

Secretariat

1.	ENTSO-E	

Participants (online)

Guest

1.	Market Committe Chair	Germany

Members & Substitutes

30.	Creos Luxembourg	Luxembourg
31.	Crnogorski elektroprenosni sistem AD	Montenegro
32.	Eles	Slovenia
33.	Energinet	Denmark
34.	Mavir	Hungary
35.	MEPSO	Republic of North Macedonia
36.	OST-Operatori i Sistemit te Transmetimit	Albania
37.	REN	Portugal
38.	RTE	France

Conveners and Leaders of StGs and WGs and RGs

1.	RG Continental Central South	Italy
2.	StG CNC	Denmark
3.	StG Scenario Building	Italy
4.	WG Seasonal Outlook	Switzerland
5.	Leader Project Inertia	Portugal

Excused

1.	Landsnet	Iceland
2.	NOSBiH	Bosnia & Herzegovina
3.	Transelectrica	Romania
4.	Ukrenergo	Ukraine
5.	RG Continental South-West	Portugal

1. Attendance, quorum and approval of draft Agenda

The Chair welcomed all Committee members to this meeting in Dublin. She warmly thanked Eirgrid for hosting the Committee.

She welcomed the two new substitutes from Swissgrid and from TSO Cyprus who attended the meeting for the first time. She also welcomed the additional participants from Eirgrid colleagues to support the SDC work and preparations of this meeting. She welcomed the Chair of the Market Committee who connected as guest for the first day of the meeting.

The Chair confirmed the meeting is quorate. No updates were made to the agenda. The Chair reminded again that all information topics are provided in the Session File and in the presentation deck that is shared in advance but will not be presented in the meeting, if members do not request it specifically.

DECISION
35 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. SD Programme Management

2.1. New SDC Dashboard

The Deputy Head of Section shared a new Committee dashboard and welcomed comments from the members.

3. SDC meetings 2027

3.1. Dates proposal

The Chair presented proposed dates for the SDC meetings in 2027. Members were invited to provide any comments over the coming week on the following dates:

1. 23-24 February 2027
2. 27-28 April 2027
3. 23-24 June 2027
4. 14-15 September 2027
5. 26-27 October 2027
6. 30 November 2027

If several members have constraints on any of the proposed dates (e.g. national holidays), a review can be considered. The final schedule will be approved at the next SDC meeting in October 2026.

4. Board and Assembly updates

4.1. Debrief meetings of Assembly 30 June 202

(not presented in the meeting)

5. WG Products Strategy

5.1. Follow-up to SDC Strategy Seminar 2026 and next steps towards SDC workplan

The Secretariat informed on the development by end of year of a multi-year work plan covering years 2027 to 2030.

6. European policy

6.1. General policy update

The Secretariat gave an update on recent policy developments and advocacy activities, including the Electrification Action Plan, the safeguard investigation opened by the European Commission on imports of grain-oriented electrical steel (GOES) and related products, the Critical Raw Materials Centre, the Public Procurement Reform and the NZIA non-price criteria. The Chair informed that the System Development Committee will be the leading ENTSO-E's work linked to the Electrification Action Plan. The way to organize the work likely via the Task Force Grid Connections, involving the Supply Chain Task Force and considering next steps or closure of the Task Force Grid Development will be further discussed at next SDC meetings.
The Committee informed already about the impact of the Electrification Action Plan's indicative target for TYNDP2028 Scenarios.

6.2. EU Grids Package: progress

The Chair and Secretariat gave a state of play of the respective positions on the TEN-E proposal (main part of the EU Grids Package) of the Council and European Parliament ahead of interinstitutional negotiations. The Committee discussed implications for continued advocacy on points where positions between co-legislators still differ. The Committee view confirms that ENTSO-E priority issue remains the governance on the IoSN.

7. Open-source strategy

7.1. TYNDP CBA and SB transparency

The PyPSA Reference Group members followed up on discussions since the open-source strategy was approved by the Committee. Experience has shown the importance again of transparency and replicability. The Committee discussed transparency aspects regarding input datasets, algebraic language, model builders, and models themselves. The Committee highlighted the importance of quality assurance on anything published, and a clear view on costs and benefits for any choice considered. The Committee asked also for a forward-looking approach in next publications and did not focus on sharing old material that was never developed for the purpose of publication. The Committee also asked to be clear on the ownership of tools and model builders, concerning which are owned by individual TSOs and which are collectively developed and owned by ENTSO-E. Relevant StGs were asked to take this discussion up for their forthcoming publications.

DECISION

The SDC:

- agrees to further extend the scope of published material for TYNDP CBA and Scenario Building where it can strengthen stakeholder engagement and trust.

7.2. Implementation roadmap – progress report

Following the approval by the Committee in June 20026 of the open-source strategy for system planning, the PyPSA Reference Group has initiated a roadmap for implementing the open-source strategy. As analyses progress and the various options are refined, the roadmap should be further enriched and updated to reflect the most effective long-term approach.

8. StG Connection Network Codes

8.1 RfG 2.0: final submission to the EC and lessons learnt

The StG CNC Convenor reported on the EC's consultation on the draft NC RfG 2.0, for which ENTSO-E submitted its position on 25 August 2026. The EC is currently assessing the feedback received from stakeholders, MSs, and NRAs, and is expected to meet MSs and NRAs in the coming weeks to present the final version of the draft regulation. The entry into force of RfG 2.0 is estimated not earlier that December 2026/Q1 2027. In addition, the StG CNC Convenor presented key lessons learned from the consultation process. Committee members expressed positive feedback on the briefing note prepared by the StG CNC, which summarised the main findings and key issues identified in the draft regulation, and meant to support engagements with national authorities.

8.2. StG CNC Terms of Reference (ToR) update

The StG CNC Convenor presented proposals for enhancing the Terms of Reference of the StG CNC. The Committee asked whether new calls for additional members are needed. The StG CNC Convenor confirmed that, although gaps exist, no new full call should be initiated at this stage, and it is important to have stability in the current groups ahead of the upcoming consultations on NC DC 2.0 and HVDC 2.0.

DECISION
The SDC: ➢ approves the updated Terms of Reference of the Steering Group Connection Network Codes.

9. TYNDP 2026

9.1 Progress report & timeline

The Convenor of the TYNDP StG presented progress since June, and a proposed updated timeline and measures identified to maintain delivery milestones. This includes a split publication of the 2035 assessment results, prioritising PCI/PMI applicants for publication in November, while the remaining results for non-PCI/PMI projects would be published in December 2026. All results would be included in the package submitted to ACER in January 2027. The Convenor informed on a particular offshore data and energy demand issue in select countries. Members noted the impact on results and asked the StG to consider options for mitigation. The Convenor highlighted that any re-run will again impact timeline and reinforce the need for additional FTE resources in the study team.

DECISION
The SDC:

- takes note of the delays in network modelling and Identification of System Needs workstreams and confirms the updated timeline.

9.2 Extension of Steering Group and Planning Study Team mandate for 2027

The Secretariat brought a proposal for extension of the mandates of the Steering Group (StG) and Project Steering Team (PST) into 2027 to support completion of the TYNDP 2026 cycle. The Committee confirmed but also asked to monitor whether some experts would be expected to work on 2026 and 2028 in parallel.

DECISION

The SDC:

- approves the extension of the mandates of the TYNDP 2026 Steering Group (StG) and the Planning Study Team (PST) until completion of the remaining TYNDP 2026 and PCI-PMI-related activities, expected to be closed end of Q1 2027.

9.3 Socio-economic welfare–indicator: sharing country and component split with EC and ACER

The Convenor of the TYNDP StG brought a proposal for sharing the SEW decomposition of TYNDP projects by component and by country. This detailed data is intended to be shared only with the European Commission and ACER. The Committee confirmed the importance of transparency on TYNDP modelling into the PCI/PMI process, but also urged that appropriate context and caveats are given on such splits. As various options exist for this split since multiple tools are used in the CBA calculations, the Committee asked for a clear proposal to be shared for SDC decision. Three members abstained from the decision.

DECISION

The SDC:

- approves sharing with the European Commission and ACER of the SEW country split and SEW component split for TYNDP 2026 projects applying for PCI-PMI.
- confirms that such sharing is intended to support technical discussions with the European Commission and ACER and does not constitute publication of such information in the formal TYNDP report.

10. TYNDP 2028

10.1. Key Policy Issues Paper: final draft

The Secretariat presented on behalf of the drafting team a draft TYNDP 2028 Key Policy Issue Paper. Several key options were considered by the team and put forward. The Committee discussed the importance of assessing in detail the feasibility of the implementational details, once the framework of the Grids Package is clarified. A resource impact assessment will be performed, when especially the IoSN approach is fully defined. The strategy would show a clear vision on the role of ENTSO-E in the future planning processes, and a concrete proposal for the complementarity between European, regional and national studies. The Committee noted that several innovations, also points raised by EC in the IoSN2024 Opinion, were already included in the 2026 IoSN methodology. The Committee discussed extensively all options and gave guidance

on the way forward; even with diverging views, a clear leading preference emerged which the Committee confirmed as option to take up in the final KPIP and develop further in the TYNDP2028 PID.

DECISION
The SDC: ➢ approves the draft TYNDP 2028 Key Policy Issue Paper.

10.2 Project collection window

The Secretariat presented a proposal for revised timing of the project collection window in TYNDP 2028. The discussion highlighted the importance of maintaining an application window that remains aligned with promoters' needs, while exploring opportunities to automate validation checks and streamline the assessment process. Members also emphasized the need to reduce the time between the closure of the application window and the delivery of the final project list required for Scenario Building and grid model development. This would allow the application window to remain open as late as possible while preserving the overall TYNDP timeline. Consideration of 2 windows is also an option. Taking into account a possible early project collection window in spring, the Chair asked members to start preparing the projects to be submitted, particularly the definition of projects and the update of the dNTC computation, as these types of studies take time.

10.3 Early orientation for Guidance for Applicants 2028

The Secretariat presented several key questions regarding potential improvements and amendments for the TYNDP 2028 Guidance for Applicants. The Chair confirmed that some updates are surely needed, based on how the portfolio has evolved in past editions, to ensure the credibility of the TYNDP project portfolio. Members asked for a dedicated webinar to further discuss the topics in detail.

11. TYNDP Scenarios 2028

11.1 Progress report & timeline

(not presented in the meeting)

11.2 Framework proposals for Cooperation Platform

The Convenor of the TYNDP Scenario Building Steering Group shared options for the 2028 Scenarios, and invited member feedback in order to prepare discussions with EC/ACER and stakeholders. The Committee discussed how TSO data inputs and central gap filling could work in practice and kept transparent. The Committee discussed how implications of gas/H2 data can be handled. The Chair and Convenors urged all members to prepare as early as possible for the forthcoming Scenarios (and ERAA) data collections.

11.3 Innovation Roadmap update

The Secretariat presented the Scenarios Innovation Roadmap updates. Committee asked for more clarity how it links to the Interlinked Model roadmap.

12. Discussion on information items

The Chair invited comments and reactions on any of the info items that were not presented. No points were raised.

Wednesday, 16 September 2026

13. Review attendance, quorum and approval of draft agenda

The Chair thanked Eirgrid for organizing an excellent evening with social events, including the interesting visit of the EPIC Museum and a dinner gathering. The Chair confirmed the meeting is quorate. The Chair proposed to start with the governance topics in this agenda.

14. ERAA 2026

14.1. Progress report and last updates

(not presented in the meeting)

14.2. Selection of reference tool

The Convenor of the ERAA StG gave an update on the ongoing work. Two modelling streams are well advanced. It is possible that the StG will need to handle two outcomes that are both robust, but still different. Comparing results between tools as well with those of previous edition valuable and also key to understand plausibility and drivers. The Committee confirmed it is valuable to have insights from multiple robust simulation streams. The StG is responsible to make a proposal how to identify the main ERAA outcomes based on this, not only based on the numbers of each tool but accounting for further implications and accounting for the provisions of the ACER methodology and the recent ERAA2025 decision.
The Committee asked to put high effort into providing solid explanations why values differ between tools in one ERAA, and why they evolve across ERAAs (especially in those cases where a country result in one target year moves from above to below the reliability standard, or vice versa).

15. Flexibility Needs Assessment (FNA)

15.1. ACER modelling approach to FNA

The Convenor of the ERAA StG noted that ACER's FNA work is progressing, as are many national studies. Relationship between FNA and ERAA should be clarified and how it could affect capacity markets. The Committee discussed implications for ENTSO-E legal mandates and its open-source strategy implementation.

15.2. Future cooperation between SDC and RDIC on FNA

The Convenor of the ERAA StG noted that ENTSO-E's FNA work was assigned to RDIC a few years ago. The work has moved since from an initial research study to an activity that is directly connected to operational ERAA and a clear legal mandate for TSOs. Close coordination is more important than ever. Point is noted that when structures are reviewed, also the most effective Committee responsibility should be openly reviewed.

DECISION
The SDC: ➢ takes note of ACER intention to publish a report about preliminary results of their own EVA in the framework of ACER's pan-EU flexibility needs assessment (FNA).

16. Seasonal Outlook

16.1. Summer drought impact

The Convenor of the StG Seasonal Outlook and the Secretariat gave an overview of the recent summer situation with high temperatures and low rain fall. All confirmed that lessons need to be drawn also for the Summer Outlook itself to evolve, e.g. to cover extreme events related to high levels of PV injection and air conditioning demand. The timeline of the process may also need to be revisited. WG Seasonal Outlook will collaborate with WG Product Strategy to develop a proposal and an implementation plan.

17. Asset Implementation & Management, and Supply Chains

17.1. Asset Implementation Roadmap

The WG AIM Convenor presented the updated Asset Implementation Roadmap and explained the proposed cluster-based implementation.

17.2. Transmission Grid Investment and Supply Chain Assessment Report 2026

The TF SCP Convenor presented the main findings of the 2026 report and explained the remaining steps towards approval and publication. The Chair invites members review the report before final approval. SDC supported the sharing of aggregated assessment results with RGI.

17.3 ENTSO-E/CIGRE joint Working Group C1.55 on Investment planning

The WG AIM Convenor presented the planned benchmark on how utilities plan and justify asset investments, covering investment-planning practices, value-based decision-making and monetised risk-based approaches. The SDC was asked to share the survey. Data collection will continue until mid-November, with a CIGRE Technical Brochure planned for Q4 2027.

18. TF Grid Connections

18.1. Grid Connections Technical Paper and related advocacy

The TF Grid Connections Convenor presented the technical paper's main recommendations and the planned stakeholder engagement. The Chair invites members to review before final approval.

18.2. Extension of the TF mandate

The TF Grid Connections Convenor explained the need for a one-year mandate extension. The SDC approved the extension until September 2027 and requested the Task Force to update its work plan and, if necessary, its Terms of Reference to integrate new tasks related to the Electrification Action Plan and the importance of supporting the electrification as the new ENTSO-E strategy states.

DECISION
The SDC: ➢ approves the extension of the mandate of the Task Force Grid Connections for one additional year, until September 2027, to complete its ongoing work, collect and visualise data on TSO connection queues, and assess the long-term integration of the grid connections topic within the SDC structure.

19. **TSO-DSO best practices in grid national planning**

19.1. Status update of the follow up from the Infrastructure Forum

(not presented in the meeting)

20. **Report on RGs activities (beyond TYNDP 2026)**

20.1. Summary of RGs activities

(not presented in the meeting)

20.2. Inclusion of study on shadow prices in Regional Investment Plans 2026

The Convenor of Regional Group Continental Central East presented the methodology and early results of a study on shadow prices as indicators for investment opportunities. Members supported extending the scope of the draft study to all regions so that results can be properly compared. Most importantly, the Committee asked for further analysis how this study could interact with other TYNDP approaches and outcomes to ensure robustness and consistency and engage with TYNDP StG. This is needed before any publication and dissemination can be considered.

21. **StG Data & Models**

21.1. Dashboard

The Secretariat presented the D&M dashboard. Members are asked to note in particular the upcoming data collection for ERAA 2027 and TYNDP 2028 due to start on 5 October 2026.

21.2. Governance of data & models under SDC

The Secretariat shared a proposal to review the governance of data and tools activities. This is based on initial discussions in previous Committee meetings and continued exchange with Convenors. Members asked to review or rename, and also clearly specify the tasks and the membership of the “new pool of experts on the toolchain”. The Secretariat take this input and proceed developing updated Terms of References for the groups concerned.

DECISION
The SDC: ➢ approves the principles of the future allocation of responsibilities on data and toolchain.

21.3 Renewal of the ICS Non-Disclosure Agreement for PECD4 Data Exchange

The Secretariat presented the case for NDA with ICS allowing TSOs to share their data for improvements of the PECD. Further communication will be organised so that TSOs can decide on whether to participate or not.

DECISION

The SDC:

- approves the renewal of the NDA between ENTSO-E and ICS enabling the confidential exchange of TSO data for the further improvement of PECD4, in the framework of the Memorandum of Understanding between ENTSO-E and ECMWF of April 2025.

21.4 Data & tooling strategy: next steps

The Secretariat presented ongoing developments for the implementation of the SDC tooling strategy, relevant input from Members in the context of the Strategy Seminar and the ongoing work under the ICT Committee for a data management strategy. It is highlighted that business continuity is key and that implementation of the data management strategy should preferably be modular and fit-for-purpose.

21.5 Data sharing approval for JRC: TYNDP project coordinates data

The Secretariat presented a request from JRC to share TYNDP coordinates data.

DECISION

The SDC:

- approves the sharing of TYNDP project coordinate data with the European Commission's Joint Research Centre (JRC) for analytical and research purposes.
- acknowledges that the data is indicative in nature and does not represent the final routing, location or technical design of the projects.
- confirms the non-confidentiality of the data for TSO project data.

22. Project Inertia Phase II Milestone 3

22.1. Outcome of cross-committee webinar and next steps

(not presented in the meeting)

23. Election

23.1. SDC Vice-Chair

The Chair welcomed SONI's nomination for the role of SDC Vice Chair. The candidate emphasized his enthusiasm and the key role played by ENTSO-E in bringing expertise to achieve common goals. The Chair took note of the proposal to again combine the role of SDC Vice Chair with another Convenor role, in this case the Convenor of the Working Group Product Strategy.

DECISION

The SDC:

- elects the candidate from SONI as the SDC Vice Chair for a mandate of 2 years starting from 17 September 2026 until 17 September 2028, in accordance with Art. 3.6 of the IR and in compliance with the AoA.

- confirms that the role of SDC Vice Chair is combined with the Convenor role for the Working Group Product Strategy.

23.2. WG AIM Convenor

The Chair welcomed the confirmation by Seps for the Convenor of WG AIM to continue for a third mandate. No other nominations were received as a call for candidates.

DECISION

The SDC:

- elects the candidate from Seps for his 3rd mandate of 2 more years as Convenor of the WG AIM, starting from 17 September 2026 until 17 September 2028, in accordance with Article 4.2. of the the IR and in compliance with the AoA.

23.3. End of mandate of the RG CSE Convenor

The Chair informed the Committee of the progress in the RG CSE for the Convenor role. The present Convenor is candidate for a renewed mandate. The RG will formalize its decision in an upcoming meeting.

24. Observer Member

24.1 Status of Moldelectrica

The Head of Section informed the Committee of the progress for the renewed Observer Membership of TEIAS.

DECISION

The SDC:

- decides to maintain the current list of SDC entities in Annex I of the Observer Membership Agreement between Moldelectrica and ENTSO-E..

25. Any other Business

No other topics were raised.

26. Approval of Decisions

The Chair confirmed that all decisions as shown in the Session File or shown during the meeting are final.

27. Discussion on information items

No comments were raised on any of the information items.