

79th System Development Committee Meeting

Date: 17 March 2021

Time: 13.30 – 16.30h

Place: Web-conference:

Participants

Chairman

	RTE	France
--	-----	--------

Vice Chairman

	Amprion	Germany
--	---------	---------

Members

1.	50Hertz Transmission	Germany
2.	Amprion	Germany
3.	Ceps	Czech Republic
4.	Creos Luxembourg	Luxembourg
5.	Eles	Slovenia
6.	Elia System Operator	Belgium
7.	JSC EMS	Serbia
8.	Fingrid	Finland
9.	HOPS	Croatia
10.	Mavir	Hungary
11.	RTE	France
12.	Statnett	Norway
13.	Svenska Kraftnät	Sweden
14.	Swissgrid	Switzerland
15.	TenneT TSO BV	The Netherlands
16.	Terna	Italy
17.	TransnetBW	Germany

Subsistues

18.	APG	Austria
19.	AS Augstsprieguma tīkls	Latvia
20.	Elering	Estonia
21.	Energinet	Denmark
22.	IPTO	Greece

Subsittes

23.	National Grid ESO	United Kingdom
24.	PSE	Poland
25.	REE	Spain
26.	REN	Portugal
27.	TenneT TSO GmbH	Germany
28.	Transelectrica	Romania
29.	VUEN	Austria

Conveners RGs

1.	RG North Sea	The Netherlands
2.	RG Baltic Sea	Germany
3.	RG Continental South East	Serbia
4.	<i>RG Continental South West</i>	<i>France</i>
5.	RG Continental Central South	Italy
6.	<i>RG Continental Central East</i>	<i>Slovakia</i>

Conveners WGs and SGs

1.	WG System Design Strategy	Germany
2.	WG Asset & Implementation Management	Spain
3.	StG Connection Network Codes	Germany
4.	TF Demand Side Flexibility	Poland
5.	Offshore Development Core Group (ODCG)	Denmark
6.	TF CBA	Germany

Excused

1.	CGES	Montenegro
2.	Eirgrid	Ireland
3.	ESO-EAD	Bulgaria
4.	Landsnet	Iceland
5.	Litgrid	Lithuania
6.	MEPSO	Republic of North Macedonia
7.	NOS BiH	Bosnia&Herzegovina
8.	OST-Operatori i Sistemit te Transmetimit	Albania
9.	Scottish Hydro Electric Transmission	United Kingdom
10.	Seps	Slovakia
11.	SONI	United Kingdom
12.	Transmission System Operator-Cyprus	Cyprus

Secretariat

1.	ENTSO-E	
----	---------	--

1. Attendance, quorum and approval of draft Agenda

The SDC Chair welcomes all participants to the 79th SDC meeting via teleconference. The SDC Chair confirms that participants can formally cast their vote via teleconference on decisions proposed during the meeting.

Take note

- Since 29/41 of the TSOs represented in the System Development Committee are attending, the Chairman states that the Committee meeting reaches the necessary quorum of half its members

2. SDC Project Dashboard 2021

A specific point of attention is brought to the SDC members on the cascading effect of limited resources for Scenario Building on all planning cycle products. The SDC should expect from the relevant SGs and Programme Management a proposal to review the proposed scope of activities in the scenarios, the TYNDP or other related products.

3. Elaboration of SDC Work Programme 2022 and SDC Budget 2022 proposal

The draft SDC Work Programme 2022 is presented taking into account of the ENTSO-E legal requirements including the new requirements coming from to the draft TEN-E regulation. The SDC Work Programme 2022 is a framework for all WGs/RGs/Projects to plan the work for the upcoming year and will be reflected in the overall ENTSO-E Work Programme for 2022.

Simultaneously, a proposed SDC Budget 2022 is also prepared to be integrated into the overall ENTSO-E budget development process, including a five-year budget plan. The SDC Budget 2022 proposal should align with the draft SDC Work Programme 2022 proposed.

In line with the expected tasks, the working bodies within the SDC will be reviewing and updating the Work Programme and Budget 2022 which are currently put forward for SDC approval.

The WG/RG/Projects are requested to add their more specific content in the Work Programme 2022 by 2 April 2021 so that the document can be reviewed by the SDC Quality Manager. The WG/RG/Projects should simultaneously review and update the proposed SDC Budget 2022 to ensure alignment with the proposed Work Programme for approval of both documents at the 20 April 2021 SDC meeting. New requirements from IT side will be taken into account.

Decision

Take note

- The SDC takes note of the draft SDC Work Programme 2022 and the draft SDC Budget 2022.
- The SDC takes note of WG SDS contribution to the preparation of the ENTSO-E Work Programme 2022 and the SDC Budget 2022 to start the review process.

4. WG Data & Models

4.1. Business Impact Assessments and Cyber Security

In the aftermath of the cyber incident that occurred in early 2020, ENTSO-E proactively took an initiative to reassess the organization-wide security posture.

In this context, with the support of Digital Section's security team, a BIA (Business Impact Analysis) has been conducted on the most common System Development section's applications (TYNDP, PEMMDB, NMD, etc.) to measure the essential cybersecurity CIA (Confidentiality Integrity and Availability) metrics.

The BIA results for each tool have been provided to SDC for approval.

Such results will provide to security team fundamental insights to help them to plan appropriate security controls with the aim to reduce the likelihood and the impact of future threat attacks on ENTSO-E’s systems.

Decision	
Approval	Purpose/notes
<ul style="list-style-type: none"> ➤ The SDC approves the business impact analysis results as reported in the list of documents referring to the following software used in SD Section: <ul style="list-style-type: none"> • TYNDP infrastructure platform • PEMMDB • NMD • Trapunta software • PECD. 	<ul style="list-style-type: none"> ➤ The business impact analysis represents a preliminary work crucial to gather essential information which will instruct security teams to select the appropriate security controls to reduce likelihood and impact of future cyber threat attacks.
Take note	
<ul style="list-style-type: none"> ➤ The SDC takes note that WG Data & Models should work with ENTSO-E IT Security and the business owners of the individual business applications to ensure that proper controls are implemented consistent with best practice and the risk assessments presented. 	

4.2. Key Initiative: Updating PEMMDB Common Data

WG Data & Models informs the SDC that one of the key initiatives for its PEMMDB will be the refresh and expansion of the Common Data elements in the PEMMDB. This will entail the formation of a specific subgroup for this specific purpose. Expertise will be required for experts in several areas, including generation operation. It was suggested to extend the data model of generators to reflect probabilities of commissioning/ decommissioning of generation units. SDC will be kept informed about the progress made.

4.3. PECD data and different projects

WG Data and Models presents the current state of play concerning the use of updated PECD data in the current SDC studies (ERAA 2021, Scenario Building 2021, Seasonal Outlook Summer 2021). Due to the varied time constraints for these studies and the timing of the data availability, the ERAA and Scenario Building will initially utilize different PECD and demand time-series; however, there may be an opportunity for the final Scenario Building 2021 models to use the most-up-to-date (climate-adjusted demand models, as to be used in ERAA 2021).

5. StG CNC

5.1. Self-assessment of StG CNC and refinement of the working processes

Steering Group Connection Network Codes (StG CNC) launched a yearly assessment process according to its Terms of Reference. The assessment based on the results of a survey within the CNC experts, included the function and effective collaboration of all teams, the quality board, the Network Code Link Persons (NCLPs) and the StG itself. Several improvements have been decided to be implemented in 2021, targeting mainly to a more impactful quality board, better management and interactions with the NCLPs group and more transparent communication with the whole CNC membership. This includes a newsletter twice a year.

5.2. Timeline for CNC amendments

StG CNC has recently decided on a high-level timeline with a view to have a stable set of ENTSO-E amendment proposals. These proposals will need to be secured by the relevant ENTSO-E approval process which includes SDC review and approval followed by the Board and Assembly. The set of proposals will incorporate findings from the relevant Expert Groups at Grid Connection European Stakeholder Committee level. Timeline foresees SDC approval in September 2021 and Board/ Assembly approval in Q4/ 2021.

6. WG AIM

6.1 Updated of Terms of Reference (ToR)

The existing ToR currently focusses mainly on technology analysis, maintenance and replacement strategies. It is proposed to extend this ToR to introduce project management with focus on sharing best practices.

Decision	
Approval	Purpose/notes
<ul style="list-style-type: none"> ➤ The SDC approves the updated Terms of Reference (ToR), including the Project Management topic. 	<ul style="list-style-type: none"> ➤ Benchmark Project management practices all over the TSOs in order to search for best practices.
Take note	
<ul style="list-style-type: none"> ➤ The SDC takes note of the updates highlighted in the track changes version of the ToR 	

7. Offshore Development

7.1 Status update of Offshore Development Core Group (ODCG) topics

ODCG informs the SDC on the status of the following topics:

- ENTSO-E Position Paper 3 on offshore development - Interoperability
- ENTSO-E Position Paper 4 on System Operation and governance as well as redistribution of congestion income (SDC, SOC and MC) is suggested to be split into 2 papers aiming at publication in July 2021.
- Umbrella paper covering all 4 papers
- TYNDP innovation Track study (offshore hybrid projects)
- Optimal Energy System Planning together with Task Force Sector Coupling (TF SC)

In addition, the group updates the SDC on the external engagements with NSEC SG4 (contribution to DNVGL study on offshore development in the North Sea Region) and MEP Morten Helveg Petersen on Offshore RES Strategy and related EE positions.

7.2. Status update on next publication (+ MC & SOC)

The ODCG updates the SDC on the status of the development of the Position Paper 4, requested by the Board during the meeting of the 18 November. The Drafting Team 4 started the discussion and the development of the contents of the position paper involving the SDC, SOC and MC through a commenting phase on the main topics covered by the paper (System Operation and Governance on the SOC side and Redistribution and Ownership models on the MC side). The main messages summarized on PowerPoint slides have been shared with the three Committees on February 26th for comments by March 9th.

The drafting of the full paper will continue, considering comments received and is expected to be finalized by middle of April. a cross-committee Webinar (involving the MC, SDC, and SOC) will be proposed on the

27th of April 12-14, during which members of the drafting team present the main narrative and recommendations of the paper, collect early feedback and answer question from committee members.

8. TSO/DSO Steering Group

8.1. Status and Coordination between SDC and Task Force Demand Side Flexibility

The Task Force Demand Side Flexibility (TF DSF) has finalized its workplan which foresees an internal ENTSO-E consultation on the updated roadmap. To ensure SDC’s all-round feedback, StG CNC proposes to lead the review and commenting phase incorporating of course any additional comments from SDC members – especially those that are not represented in the CNC. The same approach can be followed for any future deliverable related to this particular TF.

The TSO/DSO cooperation in Scenario Building encountered some obstacles on the DSO side concerning data deliveries and data confidentiality from the DSO side. The DSO organisations wrote a letter to ENTSO-E confirming the difficulties in the collaboration. A meeting with the DSO organisations on ENTSO-E Secretary General will be organised in order to agree on lessons learnt and the way forward for next scenario building cycle.

Decision	
Approval	Purpose/notes
➤ The SDC mandates the Steering Group Connection Network Codes to lead the review of the deliverables from the Task Force Demand Side Flexibility on behalf of SDC.	➤ Ensure on time and all-round feedback from the SDC and the most affected group.
Take note	
➤ The SDC takes note of the overall activities of the Transmission & Distribution Interface Subgroup.	

9. RGs activities (beyond TYNDP 2022)

9.1. Status of Convenorship RG CCE and RG CCS

RG Continental Central East (RG CCE)

There is no Convenor, no additional information at this point of time.

RG Continental Central South (RG CCS)

The third mandate of the RG CCS convener expired on 7 February 2021. RG CCS started to look for a new Convenor since autumn 2020 but unfortunately no member has given his availability up to now. Any update about candidates to the convenorship position will be timely communicated to the SDC.

The SDC chair proposes to raise this topic at the Board in order to get more high-level support for nominating candidates for these important functions of regional convenors.

9.2. RG’s activities beyond TYNDP2022

9.2.1. RG Baltic Sea

General activities/achievements

The members of the RG BS observed and discussed the following activities:

- TEN-E review process and the new proposal by the European Commission to align with Green Deal objectives and the ENTSO-E draft response to the EC open consultation on the adopted TEN-E proposal
- Commenting of the methodology proposed by the EC/DG ENER for identification of system needs: “Identification of system needs for the electricity TEN-E priority corridors PCI 2020-2021 exercise” in relation to the 5th PCI list.
- Activities of the ENTSO-E ODCG (Off-Shore Development Core Group):
 - Preparation and discussion of the “4th ENTSO-E Position Paper on Offshore Development focusing on a) Operational- and b) Ownership and Redistribution Issues”
 - TYNDP 22 “Innovation Track Study” for development of a hybrid offshore project CBA assessment.

Finalisation of the MoU for the Baltic Offshore Grid Initiative with support of the RG BS

The intended purpose of the cooperation titled “Baltic Offshore Grid Initiative” is to develop common planning principles for Baltic Sea offshore energy network, enable the consideration of the Baltic Sea offshore grid in the ENTSO-E Ten-Year Network Development Plan and perform studies that support the common vision for the offshore grid in the Baltic Sea region.

The signing procedure of the Memorandum of Understanding (MoU) for the Baltic Offshore Grid Initiative was finalised in January 2021. After signing of the MoU the respective Coordination Group (CoG) was established and a first kick-off meeting was organized in February 2021 to start the activities of the Baltic Offshore Grid Initiative. The next CoG meeting is planned in April 2021.

Organization of workshop on market modelling

A 1st workshop on market modelling in the Baltic Sea Region with Energy Exemplar (PLEXOS) will be organized in the first half of the year 2021 (webco). The preparation of the workshop is ongoing.

Organization of workshop on Offshore Development in the Baltic Sea Region

A 2nd workshop on Offshore Development in the Baltic Sea Region is proposed to be organized in the second half of the next year 2021 in Berlin (50Hertz).

9.2.2. RG Continental Central South

Internal discussions have been started about coordinated planning activities relative to corridors of regional interest. Potential corridors are mainly North-South corridors through the Alps Region.

9.2.3. RG North Sea

The Regional Group North Sea provided feedback on the TEN-E

9.2.4. RG Continental South West

No presentation to SDC

9.2.5. RG Continental South East

Regional voltage profile improvement study

After the completion of the Regional voltage improvement study, dealing with the voltages above the tolerated limit in the countries of Western Balkans, the discussion has been initiated about the follow-up study, with the current perspective of that continuation leaning towards including the *smart grid* vision into the issue of voltage regulation. The estimated duration of the follow-up study is about six months.

SECI TSP Project

After several iterations, numerous obstacles and the related delays, especially in the light of the COVID-19 pandemic, the draft version of the full report related to the 1st cycle of the SECI TSP project has been sent to

the representatives of the project members. The presentation of the main results and conclusions was held at the RG CSE meeting that took place on the 5th of March 2021, when the members of the RG were asked to provide their comments and remarks by Friday, 12th of March 2021, at the latest. After that deadline, the consultants are set to begin working on implementing the requested changes and assembling the final version of the report for this cycle of the project.

RG CSE meetings

As the conditions for organizing the proper physical meeting of the RG CSE were not yet met due to the COVID-19 pandemic, the meeting of RG CSE was held on the 5th of March 2021, with most of the members taking part in the meeting. The next meeting is expected to happen in the same fashion and is currently scheduled for the first half of April 2021.

9.2.6. RG Continental Central East

No presentation to SDC due to lack of convenor.

10. Topics for next mini-retreats in April 2021

Decision	
Approval	Purpose/notes
<ul style="list-style-type: none"> ➤ The SDC approves the following topic in the SDC mini-retreat session on 19 April 2021: <ul style="list-style-type: none"> • CNC – review of IGDs for consultation 	<ul style="list-style-type: none"> ➤

11. Any Other Business

11.1. TYNDP 2022 Steering Group composition

The Steering Group TYNDP 2022 is under populated (4 members up to now) and does not have a Convenor yet. A "permanent call" for interested members to join the SG as a Member or Convener is announced, along with measures to adapt the SG activities to the situation.

Decision	
Approval	Purpose/notes
<ul style="list-style-type: none"> ➤ The SDC approves the composition of the TYNDP 2022 Steering Group members. 	<ul style="list-style-type: none"> ➤ n/a
Take note	
<ul style="list-style-type: none"> ➤ The SDC takes note of the following decisions until a Convenor is appointed: <ul style="list-style-type: none"> ▪ The SDC Chair will attend the Steering Group meetings as an observer (no role or voting rights) ▪ The Planning manager of the Secretariat will act as Convenor during the meetings to facilitate discussion and decision making ▪ All Steering Group members will be invited to events that normally invite the Convener (e.g. talks with EC or ACER) 	

11.2. CBA 3: Proposal for addressing the eligibility criteria

22.03.2021 is the deadline for ENTSO-E to officially submit the 3rd CBA Guideline to EC for final approval DT CBA updates the SDC on the topic of the eligibility criteria related to the NTC calculations. Concerning the eligibility criteria for PCI project, three options for adjusting the CBA Guideline will be presented to the ENTSO-E Board for guidance on 18th March 2021.

As the detailed text of option 1 was already presented to the last SDC, this text will be used without change if the Board recommends option 1. Option 3 consists of not addressing this topic in CBA Guideline at all on the basis that the eligibility criteria are not part of the CBA methodology. The option 2 (already highlighted during the SDC of 11 February 2021) is presented at today's meeting as preferred option for discussion and subsequent written approval dependent on the Board's recommendation. It is highlighted in the meeting that although both options 1 and 2 address the EC Opinion, Option 2 seems to be the one that fulfils technically the requirement of a robust evaluation of the eligibility criteria.

Decision

Take note

- The SDC takes note of that if the Board decides on any other option, then the written procedure will be canceled.

The SDC Chair thanks the members for their participation in the meeting and for an intensive discussion.