

Core Consultative Group meeting

Minutes of meeting

29 November 2021

Conference call

Participants

Approx. 70 participants from Market Parties, Associations, NRAs, NEMOs plus TSO representatives (as presenters of the topics).

1. Welcome and introduction

Co-chairs H.ROBAYE (Market Parties) and R.OTTER (Core TSOs) open the meeting and welcome all participants from Market participants, associations, NEMOs and NRAs to the Core Consultative meeting.

The session file can be found at ENTSO-E website, Core section: https://www.entsoe.eu/network_codes/ccr-regions/#core

The Co-Chairs share the feedback from the 22 November webinar on Introduction to Core Day Ahead Flow Based Market Coupling. Market parties welcome the organization of this workshop and look forward to a follow up of it closer to Go-live. Market Parties were asked which topics should be treated in a next workshop, closer to go-live. No direct response on that question.

ACTION:

- 01/03/2022: Core Market Parties to send co-Chairs the priority topics to be presented in the follow up workshop

2. Core FB Day Ahead Capacity Calculation and Market Coupling

Note: The minutes below summarize the discussion and conclusions of the meeting. For the full array of questions raised and respective answers, please check the recording files.

This session has been recorded and can be found on the YouTube Channel from ENTSO-E and published at: https://www.entsoe.eu/network_codes/ccr-regions/#core

Core FB DA MC Go Live postponed

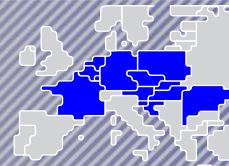
Session started at min 5.10 on the recording. Slide 6-8 in the Supporting document.

M.PREGL present the reasons for postponement (i.e. external dependencies and technical issues encountered during first weeks of the Joint Integration Testing).

Core project parties will inform all stakeholder on the new Go-Live date when there is clarity related to the current dependencies (i.e. further progress on testing and alignment with external parties). For the time being there is no reasons to assume there will be a further postponement. TSOs don't see any additional risks than the ones explained.

Next coordination within SDAC OPSCOM¹ parties is scheduled every 2 weeks and main topic for discussion will be how to approach the freeze period after Go-Live due to the potential Rollback of Core Parties (details on the slide 8). Core Parties expect that next week SDAC will be able to confirm their planning, to support the potential Rollback for Core FB DA MC. Further details on the updated planning will be aligned with the Core NRAs first.

¹ Single Day Ahead Coupling Operations Committee



Core project parties highlight the severe effects a Rollback procedure would have on all affected projects (in the geographical scope of SDAC) and ensure all stakeholders of the appropriate communication towards them, should Rollback have to happen due to technical reasons. Market Parties are encouraged to closely monitor all Core communication channels after Go-Live.

Core External parallel run and summary of KPIs² reports

Session started at min 29.00 on the recording. Slide 9-24 in Supporting document.

M.PREGL informs on the current status of the external parallel run (launched in November 2020 and will continue until Go-Live). Results (capacity calculation results) are being published on JAO website on daily basis (details on slide 9). KPI reports are being published monthly. Due to some issues with the Simulation Facility, the September and October results are foreseen to be published prior Christmas.

M.SCHRADE (Core TSO FB expert) presents the summary of the KPIs reports on 88 BDs (18/06/21 to 18/09/21) (i.e. importing/exporting countries, price convergence).

Market Parties ask what the limitations of these simulations are. M.SCHRADE confirms that there are no known limitations of these results. The Allocation Constraints values are published for every border and the KPIs offer the monthly data aggregated in graphs. With the new Euphemia release, the next KPI reports will also show when the Allocation Constraints are limiting.

NRAO limitations

A.VESELINOVIC (TSCNET) presents the results of NRAO³ and the respective limitations (from 4th of June until 30th June). NRAO ran and applied RAs for 47% of the days. To validate the impact of NRAO on the Core DA CC⁴ process chain, two question were analysed: Which RAs were applied and where were these located, and which were the most limiting CNEC⁵s per TSO from which NRAO started its optimization.

The formula for the Objective Function and all the business rules and limitations can be found in the DA CCM. The overview of all non-costly RAs (included in the Static Grid Model) is to be published on 30 November 2021.

By comparing the initial and the intermediate domain, Market Parties can see for which TSs RAs are applied. This can also be found in the PRA and CRA pages. No content shown on these pages means that either no NRAO was performed on the day, or that NRAO was performed but did not lead to RA application.

Static Grid Model (SGM)

L.VANKESTEREN presents the current status of the Core SGM.

The final SGM Handbook with explanation of the data published as well as the [Core SGM](#) consisting of excel files with data per TSO (including the array of non costly remedial actions) are to be published on 30 November accompanied by a [dedicated Market Message](#).

Publication Tool

Session started at 1:34:00 on the recording. Slides 25-27 in Supporting document.

S.RAHMAN (JAO) informs that the Publication Tool has been active as of December 2020, publishing Pre-coupling data. The publishing of Post-coupling pages is still in progress, together with the Monitoring Tool for alerts and reports (see slide 25 for details and slide 26 for timeline). Core Market Parties ask whether both final domains: final virgin PTFD⁶ domain and the LTA⁷ domain will be published. S.RAHMAN confirms both domains are published.

S.RAHMAN confirms that JAO is responsible for publications and that measures will be taken to publish data that is missing to ensure data completeness, according to the process in place:

- Final BEX domain (the LTAs): [Publication Tool \(jao.eu\)](#)
- Final FB domain: [Publication Tool \(jao.eu\)](#)

L.VAN KESTEREN confirms that via the Initial Domain publication, Core TSOs are already transparent whether DFPs are to be applied (e.g. due to non-convergence in CG merging). Additional dedicated market messages to announce impact on available capacities will be published in the future (after Go-Live).

ACTION

- Before Go-live: S.RAHMAN to confirm if also curtailment is included in the final domain published.

² Key Performance Indicators

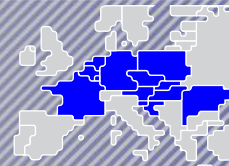
³ Non costly Remedial Action Optimization

⁴ Capacity Calculation

⁵ Critical Network Element with Contingencies

⁶ Power Transmission Distribution Factor

⁷ Long Term Allocation



3. Intraday Capacity Calculation

Reminder of Core ID CCM implementations

Session started at 1:50:00 on the recording. Slides 28-33 in the Supporting document

W.SNOEREN presents the timeline for implementation of ID CCM⁸ and reminds Core Market Parties that TSOs will be allowed to set ID capacities to zero for the first 6 months after DA CCM⁹ Go-Live. Internal parallel run has started in November 2021 and will run until August 2022 when the EXT parallel run is scheduled to start.

By the end of the month Core TSOs plan to submit the First Amendment of the ID CCM to facilitate correct ID ATC extraction at DA Go-Live including Extended LTA inclusion. A Second Amendment of the ID CCM is scheduled for public consultation in March 2022 and is larger in scope. This Second Amendment is to ensure better alignment with ROSC¹⁰ processes. The remedial actions are only considered via CROSA¹¹, to ensure consistent use of remedial actions between CROSA and IDCC and to avoid performance issues due to short timings for calculations. The timeline presented does not yet consider the delay in DA CC go-live. This is under investigation.

W.SNOEREN presents also the Target HL Business Process (depicted on slide 32).

4. Regional Operational Security Coordination

Session started at 2:30:00 on the recording. Slides 34-39 in the Supporting document

Timeline and current status

P. SCHAEFER presents the timeline for implementation of ROSC, RD&CT¹² and RD&CT CS¹³ methodologies and highlights the objectives considered when preparing these timelines. By 2024, ROSC V1 (first version of the methodology) + CS will allow for CROSA to take place in the DA processes only, while by 2025, ROSC V2 will integrate CROSA also in ID timeframe. The V2 will also allow for common optimization of topological RAs, while in V1 this is only determined locally at TSO-side. The implementation timeline is considered by TSOs ambitious but still realistic (including solutions for inter-compatibility with the inter CCR¹⁴ coordination or the Core IDCC process). Core TSOs are currently on time with the developments (i.e. tendering process has started and will run until June 2022).

Integration of non-Superposable RAs (topological measures) in global optimization

P. SCHAEFER presents the answer to the question raised by Core Market Parties in April (why topological RAs are to be considered as non-linear for which the mathematical principle of superposition will not work in contrast to other measures as Redispatch, PST¹⁵s or HVDC¹⁶ connections) through an example depicted on slide 37-38.

Core Market Parties welcome the answer and will come back to Core TSOs in the near future should more clarifications be needed.

Core Market Parties ask if TSOs can share the principles and heuristics of the RA optimization (especially with integration of topological RA optimization) to Market Parties in order to understand and anticipate the recommended set of RAs that will be applied.

ACTION

- end of 2022: Core TSOs to align on what information can be shared with Core Market Parties to support them to anticipate what RAs will be determined in the ROSC processes.

5. Long Term Capacity Calculation

Session started at 2:53:00 on the recording. Slides 40-51 in the Supporting document

J.FERNANDEZ (Coreso) presents the main changes to the Core LT CCM¹⁷, introduced by ACER's decision (depicted on slide 40) and the updated Roadmap (slide 41) and ensures Market Parties that they will be involved during the 6 months parallel run, in accordance with the FCA regulation Article 10(5)(c).

⁸ Intra Day Capacity Calculation Methodology

⁹ Day Ahead Capacity Calculation Methodology

¹⁰ Regional Operational Security Coordination

¹¹ Coordinated Regional Operational Security Assessment

¹² Redispatch & Counter Trade

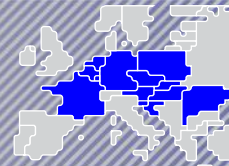
¹³ Cost Sharing

¹⁴ Capacity Calculation Region

¹⁵ Phase Shifter Transformer

¹⁶ High Voltage Direct Current

¹⁷ Long Term Capacity Calculation Methodology



ACTION

- Mid 2022: Core TSOs to inform Core Market Parties on what will be computed during the parallel run and what is the process to determine what will be the content of the parallel run

Core Market Parties state they are worried that even with the methodology fully implemented, if there is no plan for LT capacity allocation by 2024, the results of the CC cannot be used.

ENTSO-E and JAO are currently working on defining, before the beginning of the parallel run how the capacity allocation would work. Amendment of EU-HAR¹⁸ is also considered. Market Parties will be informed on these developments via MESC.

EFET and Eurelectric present their opposing position towards ACER's decision on Core LT CCM and detail their argumentation. The issue is that the flow-based allocation of capacity may not reflect the needs of the market. Since Market Associations cannot appeal ACER Decision, they ask at least for further involvement of Core Market Parties in any subsequent relevant discussions and decisions from Core TSOs side.

NRAs and ACER did not respond to the presentation in the meeting.

6. Information Access in Core

Next steps in improving access to information

Session started at 3.21:00 on the recording. Slides 52-53 in the Supporting document

R.OTTER (Co-Chair Core Consultative Group) provides an update on progress made to streamline the access to information for Core Market Parties. Two calls were held with a small group of volunteers and a further workshop will be organized in December to finetune the scope of this exercise.

7. AOB & closure

Static Grid Model

PMO informs that the Static Grid Model will be made available by 30 November 2021.

Next Core Consultative Group meeting

Co-Chairs indicate that the next Core Consultative Group meeting is still to be scheduled. Exact date will have to be confirmed.

R.OTTER reminds the communication channels for Core CCR and Market Coupling project.

- **Core section on ENTSO-E website** (e.g. upload of methodologies and reports on public consultations, current status of the Core CCR program, Consultative Group minutes):
 - Link: https://www.entsoe.eu/network_codes/ccr-regions/#core
- **ENTSO-E newsletter** informs regularly about updates in the different CCRs (e.g. submitted methodologies, launch of public consultations, ...)
 - Subscription via <https://www.entsoe.eu/contact/>
- **Q&A forum on the JAO website** which gives space to Market Participants to ask questions about the External Parallel Run and other relevant topics:
 - Link: <http://coreforum.my-ems.net/>

Core TSOs invite Core Market Parties to pose the questions via the Q&A forum on the JAO website, as the forum allows also for publication of all answers and ensures transparency towards all Core Market Parties.

R.OTTER and H.ROBAYE thank all participants and informs Market Participants that the minutes of meeting as well as the recorded session will be finalized with the co-Chairs and published on the ENTSO-E website.

¹⁸ European Harmonized Auction Rules [for Long Term capacity]