

Core Consultative Group

18/04/2023
Conference call

Minutes of the meeting

1. Welcome and introduction

H. ROBAYE, together with R. OTTER and S. VAN CAMPENHOUT welcomes everybody to the Core Consultative Group and presents today's agenda.

2. Core CCR Implementation roadmap

General update on the roadmap

S. VAN CAMPENHOUT introduces the topic: prioritization exercise conducted for the Core implementations, which is complementary to the prioritization exercise being conducted at pan-European level. Key focus is to determine the order of activities, while the exact timeline is still to be assessed.

Functional interdependencies between processes are explained, both in grid functionality and the timescale of market sequences (long-term, DA, ID, Balancing). Reservation of Balancing capacities will need to be considered in all other processes which is expected to be challenging (for example: securing in ROSC a capacity domain instead of a market coupling point). He clarifies that the process currently operational in Core, namely the DA CC, will continue to evolve whilst implementing ID CC & ROSC. Key examples are the implementation of AHC, Coordinated Validation and CH integration.

In parallel to this, TSOs need to prepare for the migration of all operational processes from UCTE-DEF¹ to CGMES. The sequence of implementation considers both functional and CGMES-related dependencies. Currently, key priorities are IDCC and ROSC. The remaining priorities are depicted on slides 6 (min 0:22 on the recording).

Any change in priorities (as well as replanning due to delays) will affect the constraints of all parallel workstreams and interdependencies. Furthermore, Core TSOs will keep integrating with pan-European exercises to seek stability and will periodically re-evaluate the timeline as per the progress of the different projects.

Core MPs ask if there is a chance to sync the AHC implementation in Core with the FB implementation (also introducing AHC) in Nordics, to limit the disturbances for the market parties. Core TSOs respond that the implementation roadmaps are defined per CCR and that there is a planning to respect on SDAC level. Indeed, AHC implementation has 2 layers (Core layer and virtual hubs in SDAC; this is a pan-European project), and Core TSOs do not expect AHC can be implemented before 2025. Consequently, the implementation of AHC in Core and FB in Nordics have their own roadmap.

Core MPs also ask how the system will change with the integration of CH. Core TSOs respond that there will be 2 separate capacity calculation processes - Core with its CNECs and coordinated NTC on the Core-CH borders – which are coming together in one joint validation. Core TSOs and Swissgrid will validate the capacities together (Core FB domain and Core-CH border NTCs) and check if the overloads can be solved. If an overload cannot be solved, a fair reduction of capacity between NTCs and the Core FB domain is to be applied.

ACTION: Core TSOs to present the CH integration in more detail, once the design is set (deadline: 04/10/2023)

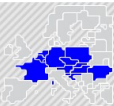
3. Intraday Capacity Calculation

IDCC1 Readiness

B. MALFLIET (Core IDCC PT convener) reminds that the EXT/Run for IDCC has started on 2022-12-05 (ID RAM is set at 50MW, PTDfs smaller than 3% are being ignored and DA FM value is set to 50% - with the exception of the Polish TSO which uses 100% DA FRM value for now – further harmonization is foreseen in the future). Objective of this EXT//Run is acceptance of results (published since December) and GoLive readiness confirmation. He further shows the legal deadlines on implementations for the intraday timeframe.

Local operational readiness and technical and contractual readiness are on track and are expected to be ready by June 2023. Acceptance of results is still to be discussed with NRAs and Core MPs. The approval of the 2nd and 3rd

¹ See definition of UCTE: <https://www.powsybl.org/pages/documentation/grid/formats/ucte-def.html>



Amendment is needed before the Go-live (currently escalated to ACER on 03rd of April). ACER expects 6 months are needed for a decision (03/10/2023). ACER has indicated to Core TSOs that changes in the Core IDCCM will probably be introduced by the ACER Decision (either parameters or process, or both).

Core IDCC1 Go-live is postponed. A new Go-live date and a revision of the roadmap will be communicated in Q4 2023 after the ACER Decision is published. In the meantime, the EXT//Run continues with the current methodology and will be amended with feedback from ACER, once received.

Core MPs ask whether a delay in IDCC impact a delay in Core IDA too. B. MALFLIET explains that the two developments are not dependant and IDA go live should not be impacted. He further expects that IDCC 1 is expected to go live before IDA2 and the intention is also to provide the DA leftover ATCs to IDA1 at go live of IDA1. IDCC2 will not be ready at the Go-live of IDA3.

KPI results

Stable results are observed in the past months. Local validation readiness is confirmed by all Core TSOs (details on slide 11-12). B. MALFLIET presents the mean positive between ID ATCs and DA leftovers after the operational increase/decrease, compared to IDCC //run results (from the beginning of the //run and in the past month). There is an improvement of the results in the past month, due to improvement of the input parameters (quality of the IDCC process). He also presents the frequency of zero or negative ATC per border, comparing the two methods. On average the ATCs are more often positive under IDCC1, however the average positive ATC is lower in IDCC1. There appears to be a trade-off between these two KPIs.

Core MPs ask what the plan is to solve the root cause of the isolation around isolated bidding zones (such as NL). B. MALFLIET highlights the impact of offshore wind infeed coming in from the north and the related challenge to solve the congestions with the current operational security processes before the IDCC1 process starts. He informs that Core TSOs are further analysing this situation.

Core MPs remark that the capacities delivered by IDCC1 are smaller on average than the current ID capacities of DA leftovers, at the regional level. S. VAN CAMPENHOUT highlights that IDCC1 is a transitional phase before ROSC is also implemented. It is a big step forward in implementing the target model in terms of grid model quality, but Core TSOs need to be cautious to not loose capacities for the market, in this transition. Core MPs suggest keeping the current process in ID, until ROSC is in place in 2025, as this will allow maximizing the capacities on the ID market. Until then, the // run process can continue. MPs highlight that it is disappointing to see that a coordinated capacity calculation leads to smaller capacities on average than current process.

S. VAN CAMPENHOUT asks Core MPs whether they see a priority in reducing the frequency of zero and negative ID ATCs or maintaining the ID capacities as close to ID capacities available today (although they are calculated from a different input data). Core MPs confirm reducing frequency of zero and negative ID ATC is a key priority, yet in general puzzle to understand how the introduction of a coordinated process reduces the capacities on average in Core.

B. MALFLIET also confirms Core TSOs prefer to have positive ATC values on all borders. The methodologies have been developed to maximise the occurrence of positive ATCs on all borders. Currently the DA leftovers are being extracted with an optimization approach, and for the IDCC process, Core TSOs developed an interactive approach. Comparison between them can be found on slide 21. This iterative approach again increases the occurrence of positive ATCs.

ACTION: Core TSOs to clarify further why the average Core ID capacities from //run are lower than the current capacities offered to the market (deadline: 04/10/2023)

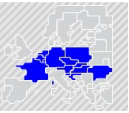
4. DA CC

CGM Improvements

R. KAISINGER (Core DACC PT convener) reminds that Core TSOs proposed to Core NRAs to replace the post-go live study on FRM with a package that would contain setting the FRM to a default of 10% and work on CGM improvements. Core TSOs have created a roadmap for CGM improvements, including 12 topics to enhance the CGM quality. A bottom-up approach was chosen, in which root causes for low CGM quality will be addressed and quality improvements will be monitored. A non-exhaustive list of 12 improvement activities is presented on slide 24. The overall quality of the results of the calculation process is expected to be improved (e.g., monitoring and addressing of pre-congestion). He also presents the roadmap of priority topics, as depicted on slide 25.

SPAICC

R. KAISINGER informs that Core TSOs aim to publish two SPAICCs per year (based on five reference days from the past and two extra days on which future grid evolutions are modelled). First period is from Jan to June. Criteria on how the days are going to be chosen are depicted on slide 27. Core TSOs will model the minRAM targets, future grid evolutions and long-term outages, run the capacity calculation process on these reference days in a quasi-operational set-up and publish the results. Core TSOs expect the SPAICC to be a living experiment and adapt the SPAICC methodology with the feedback received and learnings after each SPAICC run.



Core MPs welcome the initiative and appreciate that the Core SPAICC is designed as a coordinated process, not a TSO-specific process (as in CWE). Moreover, Core MPs ask for the format of results to be consistent between iterations and as close as possible to the operational result and to review the number of reference days. Furthermore, MPs ask whether a SPAICC Publication tool can be developed, to ensure consistency with data from Production.

ACTIONS:

- Core TSOs to Schedule a Core CG call on Q&A once first SPAICC has been run and results been published
- Core TSOs to investigate if SPAICC results could be published in the JAO publication tool to ensure consistency with the format of results published from production (deadline: 04/10/2023)

5. Data publication tool

M.MIHAYLOVA presents the updates to PuTo in the Data publication tool. The IVA justification was applied to both Core DA and Intraday (IVA justification column was added to the Validation Reduction page). The change is considered fully deployed on both Core DA Publication tool and Core ID //run Publication tool.

Core MPs ask whether it is possible to recognize an MNEC and whether this info could be added into the domains?

ACTION: Core TSOs to investigate if the MNECs can be highlighted in the Core DA Publication tool (deadline: 04/10/2023)

6. AOB & closure

Core CCR 2023 survey on quality of data

R. OTTER informs that Core TSOs launched an annual survey on data quality / availability of DA CC (Publication Tool, SGM) through JAO PuTo. The survey will run for a month. Results of the survey will be incorporated in the annual report.

Available here: https://consultations.entsoe.eu/markets/core_ccr_2023_survey_quality_of_the_data_published/

Next CCG meeting

R. OTTER informs that currently the next Core CG meeting is scheduled on 04/10/2023 but proposes to postpone it, as the ACER decision on ID CCM is expected on 03/10/2023. H. ROBAYE agrees to postpone it. A new date will be communicated in due time.

H. ROBAYE and R. OTTER thank all participants for their active contribution.