

Core Consultative Group

28/02/2023
Conference call

Final minutes

1. Welcome and introduction

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

2. Individual validation

Explanation on Core Individual approaches

L. VAN KESTEREN introduces the topic of the Individual Validation approaches. In response to the request from MPs in the last Core CG meeting on 15/11 and a note received from MPs on 22/12, asking for more transparency on the individual validation approaches, TSOs created detailed explanatory materials:

- Materials have been created for each approach, either representing a single TSO or group of TSOs. These materials are included in the annex of the supporting document.
- A high-level comparison is included to support the explanations, as well as overview of IVA application since go live.

Core TSO experts present each individual validation approach and their key characteristics.

Z. VUJASINOVIC (ACER) questions, DAVinCy, CEPS and MAVIR's approaches, referring to slide 53: "DAVinCy applies IVA on a CNEC while the overloading was on another branch, regardless whether this is a CNEC or non-CNEC". Z. VUJASINOVIC (ACER) also refers to CACM 29(3)(b): "When calculating cross-zonal capacity, each coordinated capacity calculator shall: ignore those critical network elements that are not significantly influenced by the changes in bidding zone net positions according to the methodology set out in Article 21", and hence concludes:

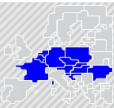
=> PTDF threshold is a constraint set by the CACM;

=> the CBCOs with PTDF <5% should not be considered in CCM

- G. SZATHMÁRI explains that MAVIR's method has the possibility to transpose IVA to CNECs which are resulting from a non-CNEC overload, this is not part of the standard process but to be used only on extremely rare situations. Such a situation has not happened so far, and even in such a situation the 5% threshold would still be respected.
- M. NĚMÝ responds that in the case of CEPS, there is a typo in the overview table as their tool doesn't have such capability. This topic is explicitly described in the detailed explanation in the Appendix [The overview table in slide 5 has been corrected in the final meeting materials].
- C. ZIMMER points out that DAVinCy TSOs are convinced that their tool is in line with European legislation. Moreover he indicates to look at the broader picture, pointing out that TSOs cannot use all RA to solve congestions in only a part of the grid, since this would lead to overlooking other parts of the grid and to a threat to operational security. C. ZIMMER suggests that the numbers and graphs shown in slide 6 demonstrate that the tool and process perform properly.
- S. VAN CAMPENHOUT concludes that the regulation presents opposing goals between capacity calculation and operational security, and it is up to each TSO to interpret and find a balance within these opposing goals, which explains the different approaches presented.

ENGIE questions that it is quite clear that the IVA process has 2 main limitations:

1. TSOs cannot move CNECs they do not own which result in extra complexity. If CVA is going to solve this, what is the implementation timeline foreseen and how will processes be impacted?
 - S. VAN CAMPENHOUT answers that the current challenge is how to transition from different interpretations to a Coordinated Validation, this is being discussed by Core TSOs, which have a 18-month deadline after go-live to submit a proposed amendment of the DA CCM. Once the proposal is prepared, MPs will have the chance to provide their views in a Public Consultation
2. The market domain is currently checked locally against more restrictive physical domain views that are not fully flexible because the full set of remedial actions is not yet applied (until ROSC & future devs). Does that mean we should expect rather non-negligible amounts of IVA & minRAM target misses until everything is implemented or is there any action plan for this transitional period?
 - S. VAN CAMPENHOUT explains that this is a moving target, it will take a few years for CV and ROSC to be in place and the targets for minimum capacities increase year by year, this is the dynamic that will be seen. Once there is more potential to coordinate cross borders, there will be



more possibilities to minimize IVA, but with higher targets, it will be a challenge to secure targets in every domain in every MTU.

C. ZIMMER presents the overview of IVA application since Core DA CC Go-Live, explaining how the diverse individual validation approaches and the application of fallback on two days in July and August last year by DAVinCy TSOs might result in misleading data and confusion for MPs.

Outline of transparency and reporting: Core DA CCM Quarterly report

A. ANDOR explains the content of the DA quarterly report with regards to individual validation, focusing on capacity reductions. The 2022 Q2 and Q3 reports have been published and shortly will be published the 2022 Q4 report. S. VAN CAMPENHOUT adds that the aim is to create awareness of available information in the quarterly reports.

Feedback on BDs 20221206 and 20221217 – root cause analysis & possible improvements

L. VAN KESTEREN presents a summary of the operational issues from BDs 20221206 and 20221217, their root causes and mitigations implemented by Core TSOs and the Merging Entity.

- BD 20221206
 - Issues in TTN grid related to planned outage and inaccurate information in ETP – which is used in the operational process – lead to very high loading for tie-line and consequently IVA application.
 - Mitigations: cross border RD between DE-NL implemented, TTN followed up internally and with the respective generator to improve the process and ensure a quality check.
- BD 20221217
 - DAVinCy operators detected unrealistic flows and asked the merging operator to investigate. To mitigate issues, DAVinCy TSOs applied fallback during their individual validation process and in the Core common operator incident call afterwards TSOs agreed not to have the CC process result in DFPs.
 - Further investigation, ex-post, confirm there were merging issues, possibly due to a replacement of a configuration file (human error).
 - Mitigation: Update in the merging tool, now provides a warning and cross-check on the configuration file to allow the merging operator to respond as deemed necessary. Additionally, procedures were updated to avoid this human error.

In general Core TSOs are investigating possible improvements of the Core FB DA CC operational process.

3. TSO response to MPs feedback on data publication & PuTo

Introduction

L. VAN KESTEREN introduces the topic of TSOs response to MPs feedback. This comes as a response to the feedback provided by MPs during the Core CG 15/11 call, Core TSOs provided feedback per topic on data publication and PuTo.

CBCO naming convention – Duplicates ID issue

R. BERN explains the Core TSOs proposal for explanations to be added to the PuTo handbook in order to explain the CBCO naming convention issues. These will address why duplicate IDs appear due to curative topological RA (PATL and TATL CNECs), and what are PATL and TATL CNECs.

Transmission outage publication

S. VAN CAMPENHOUT explains that the subject of transmission outage publication refers to two tracks, one more pan-European and another Core specific.

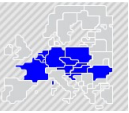
With regards to the pan-European aspect of outage publication and outage planning, TSOs have different historical practices and to clarify the different approaches, an overview has been prepared containing the scope, timing, and location of publication, as well as the publication of impact on cross-border capacities per timeframe. Furthermore S. VAN CAMPENHOUT explains that despite being different practices, these all fit within the legal framework and requirements.

On the Core aspect, S. VAN CAMPENHOUT explains that what Core TSOs can focus on is the impact of capacities, but for this purpose we would need to better grasp what are the MPs expectations. In the next Core CG 18/04 call, Core TSOs will come back to MPs on the status of the SPAICC which is being redesigned. The redesign is needed as the former CWE approach is not representative anymore for how the capacity calculation process is conducted within Core (addition of centralized application of virtual capacity and validation).

Static Grid Model

M. NĚMÝ welcomes the multiple feedback received on the SGM, this has been structured in 5 streams:

1. Transmission lines and transformers completeness: After assessment, it has been detected that most of the reported issues have been caused by formatting
2. Substation standard topology description: The objective of the SGM is not to create a copy of the D2CF model, but to provide MPs with a list of grid elements of the transmission system including their parameters



3. Voltage level coverage: The criteria for voltage level coverage is covered in the SGM handbook
4. Transformers: This will be considered in the next update of the SGM
5. Internal German tie-lines: These will be included in the tie-lines sheet of the next update of the SGM

M. NĚMÝ explains that the applicable feedback has been incorporated on the next update of the SGM, to be published in JAO website by 06/03.

H. ROBAYE comments that transparency goes beyond the legal framework and there is no reason to publish e.g., the bus bar configuration.

PuTo and JAO website - 'UID' parameters computation

F. NAGY explains that values for RAM_f and LTA_f parameters are incorrect, nevertheless RAM_UID and LTA_UID are correct. These parameters are only applicable until Core IDCC go-live. The script used to generate these parameters will be corrected and used for future BDs until IDCC go-live, but previous days will not be rerun. A. LAUR questions whether there will be any communication when the script is fixed. F. NAGY mentions that a market message on JAO's website will be published.

PuTo and JAO website – Varia – JAO website

M. MIHAYLOVA provides an answer to the feedback received on the PuTo and JAO website:

- Filtering and showing page >10 has stopped working for (at least) Final on the website.
 - JAO is working on a solution, currently testing the performance. Temporarily the button has been removed.
- The website and the API do not return the same headers
 - JAO is working on a solution
- Neither of the website and the API are consistent with the EU terminology of MACZT
 - This issue will be fixed on the next release of CCCt
- Hub From/ Hub To in ShadowPrices issue
 - JAO is working on a solution. Once implemented it will be reflected in the Handbook

PuTo and JAO website - Varia – CBCO missing information

S. VAN CAMPENHOUT explains that in most cases the root cause for CBCO missing information is a change in configuration in the grid, resulting in a temporary glitch in the master data management reflecting this topological change. This is effectively a good attention point. Not all cases could be identified and Core TSOs request MPs to share the database of missing information to enable proper investigation and correction of the issues.

ACTION: H. ROBAYE to collect examples of CNEs with missing information and indication of which information is missing (Due date: 14/03)

4. AOB & closure

Next CCG meeting

H. ROBAYE thanks for the information provided and indicates that market parties need time to digest all the information. This means that additional questions could be forwarded later in time.

H. ROBAYE and R. OTTER, thank all for participating and informs the next Core Consultative Group meetings scheduled for 2023:

- 18/04/2023
- 04/10/2023