

Core Flow-Based Day-Ahead market coupling

Status and feedback from market participants

28th MESC meeting – 1 June 2022

Why did we ask to postpone the April go-live?

- EFET, IFIEC and MPP called for postponing go-live initially foreseen on April 20th
- Our 3 associations have **been long lasting very supportive of CORE Flow Based market coupling since its inception. We would like to see it implemented ASAP as long as all conditions are met.** Last time:
 - The results of the parallel run showed 10% to 20% of the hours with very small or empty domains => nearly no possibility to perform a market coupling (hence step back compared to initial situation)
 - Incompleteness of published data
 - Fallback mechanisms and validation tools not stable
 - ID capacity : step back following voluntary LTA and min RAM approach for ATC extraction

Market participants are insisting that new go-live should take place if :

- Minimum performance and quality standards for DA CC are set
- Method for ID ATC extraction ensures no step back compared to current CWE practices

Many questions remain today

The announcement by CORE TSOs on the new intended go-live date was accompanied by several updates, triggering many questions (non- exhaustive list):

- Mitigation measures in place to improve the stability of DA CC
 - Which measures ? Which impact ?
- For ID ATC extraction, algorithmic improvements will be implemented before go live
 - Which ones ? Which impact ?
- Further improvements foreseen after go live
 - Which ones ? Which impact ?

These questions have been sent to CORE TSOs ahead of the CORE Consultative Group on 1 June 2022

Where do we stand today with a few more weeks of parallel run?

Since last foreseen go-live (21/04) we observed:

- PTDF data publication/retrieval process seems to perform as intended
- No empty domains or negative RAMs observed
- OMW RAM CNEs are almost fully explained by the equality constraints (on all hubs & on the Alegro hubs)

However, we still see major issues:

- Our remarks on ID CC remain, no improvement as no data on ID ATC on JAO yet. This should be published before go-live (reference rAMRincl, Wsum & rLTAincl values used for ID ATC extraction)
- No API description anymore on JAO, open issues file on JAO not updated (<https://www.jao.eu/core-fb-da-parallel-run-0>)
- No information has been provided regarding the detailed impact of the Core Flow-Based modelling on the operational Euphemia process

Data has improved on DA in the last month but issues on ID capacity calculation and JAO publications remain. This should be tackled before go-live.