



2. CCM and FBIMP status update

Nordic CCM Stakeholder Meeting
7 February 2024

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FB EPR continues

The external parallel run (EPR) has continued since we started it in March 2022

- Data for another outage season valuable opportunity to learn
- Continuous improvements
 - ID ATCE parameter update
 - Continued stakeholder dialogue
- All EPR data available online



ID ATCE parameter update – background

The ATCE method: transitional solution developed by the CCM project to fulfill the request by the approved Nordic DA/ID CCM

- The method includes two relaxation parameters that can be applied to provide ID trading capacities: PTDF relaxation and RAM relaxation
- So far, only the PTDF relaxation has been applied
 - PTDF relaxation = 5%
 - RAM relaxation = 0
- The TSOs have identified operational risks associated with this combination of relaxation parameters and have opted for a more controlled and balanced relaxation combination to make the operational risks manageable.
- Updated parameter setting to be used from the coming weeks of EPR and for go-live:
 - PTDF relaxation = 0
 - RAM relaxation = 10 MW



ID ATCE parameter update – the way forwards

- The 10 MW RAM relaxation will be applied on all CNECs, excluding allocation constraints (i.e. combined dynamic constraints and HVDCs)
- The TSOs aim to apply the updated parameters from week 8 (energy delivery week) towards go-live
- Associated result publication using the updated parameters will start from week 11 or 12 i.e. 8+3 (at the earliest), considering the 2-week grace period of the simulation facility and 1 week of the CCM review period
- The TSOs aim at providing the following material by the end of February 2024
 - The updated ATCE parameters inside the ATCE methodology description
 - The rerun results of the historical EPR data from mid-July 2023
- IT challenges
 - To facilitate the RAM relaxation, the TSOs/the NRCC needed a new industrial tool release
 - To enable the rerun using the new release, historical data from the previous release environment needs to be migrated to the new release environment (due to format updates)



EPR data available online

- Flow-based capacity calculation results available on JAO website <https://test-publicationtool.jao.eu/nordic>

The screenshot shows the JAO Publication Tool interface. The main content area displays a table titled "CNEC or Combined Dynamic Constraint" with columns for Date, Name, Type, TSO, Name, EIC, and Status. The table contains two rows of data for the date 2023-03-17.

Date	Name	Type	TSO	Name	EIC	Status
2023-03-17 00:00:00	FI_P0_ISOKANGAS-PYHANSELKA_PIRTTIKOSKI-PIKKARALA	BRANCH	FINGRID	ISOKANGAS - PYHANSELKA - Terminal: IK: IK4-PS4 1 4	44T-IS-PS-000007	OK
2023-03-17 00:00:00	13792_10 300 Vagamo-Ovre Vinstra	BRANCH	STATNETT	S 300 Ovre Vinstra-Vagamo	50TL00000001083K	OK

- Market reports, phenomenon report and ID gate opening results and other relevant EPR data on Nordic RCC website: <https://nordic-rcc.net/flow-based/simulation-results/>

WEEK 7, 2023

[CCM EPR Market report week 7](#)

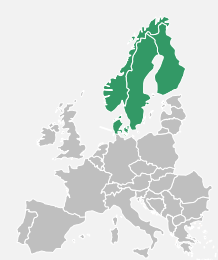
[CCM EPR Market report Appendix week 7](#)

[Market simulation Results week 7](#)

[Grid Constraint Matrix week 7](#)

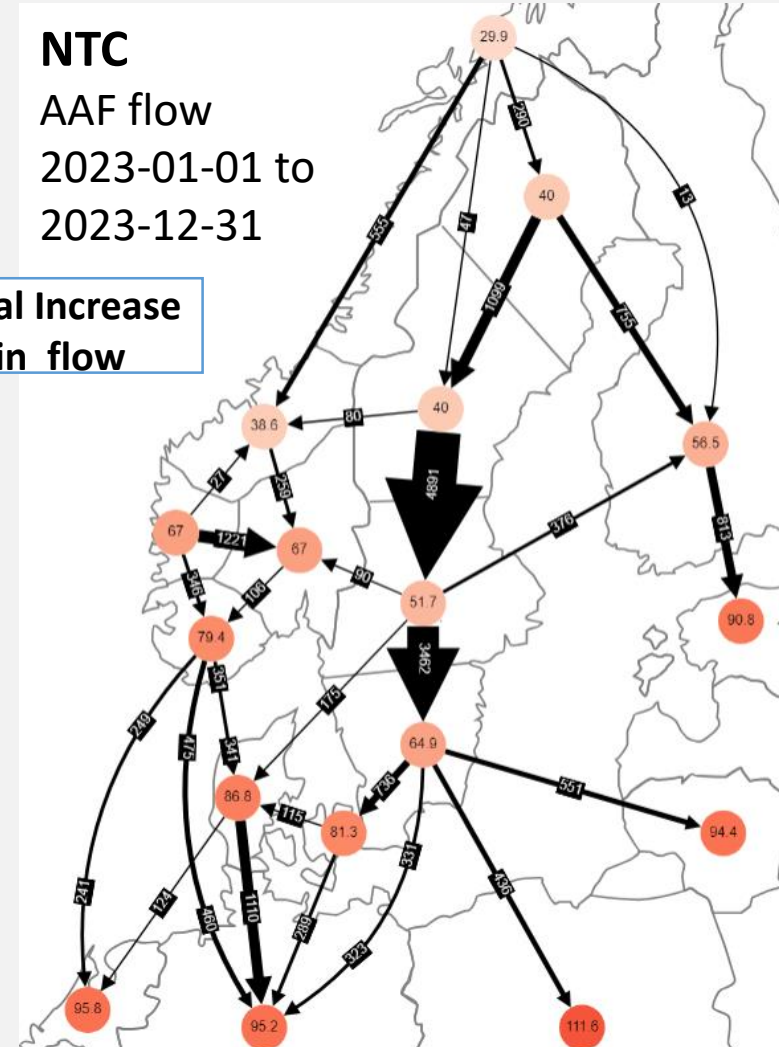
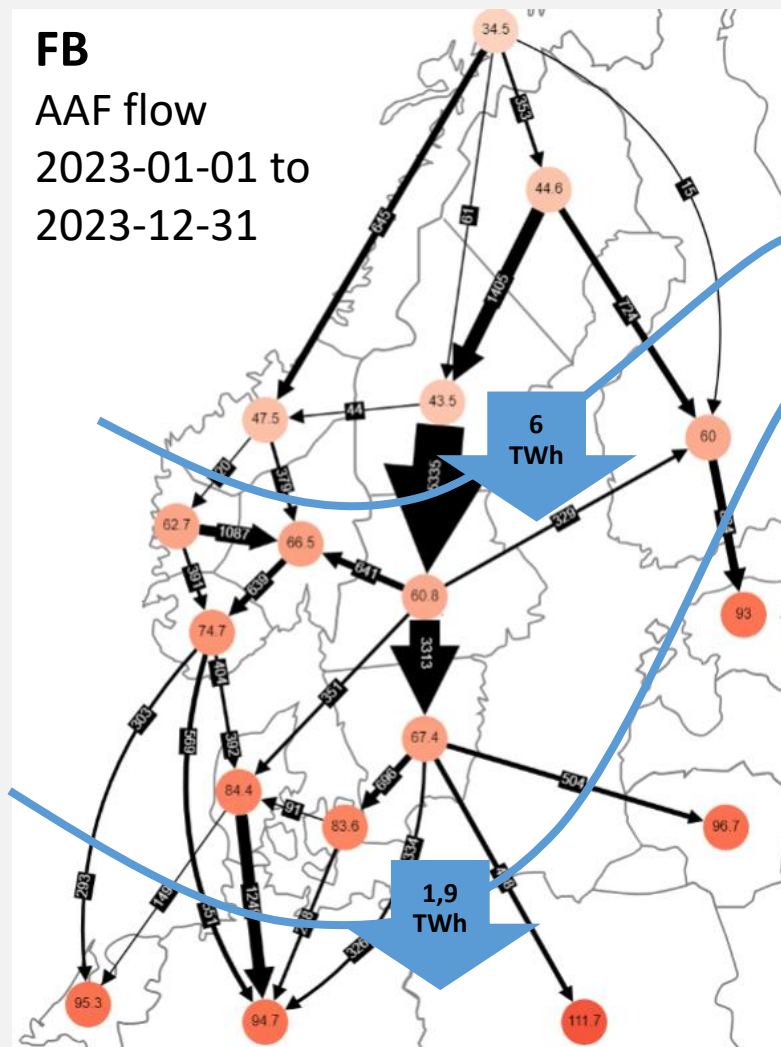
[ATCE graphical report week 7](#)

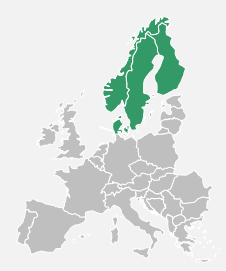
[ATCE results week 7](#)



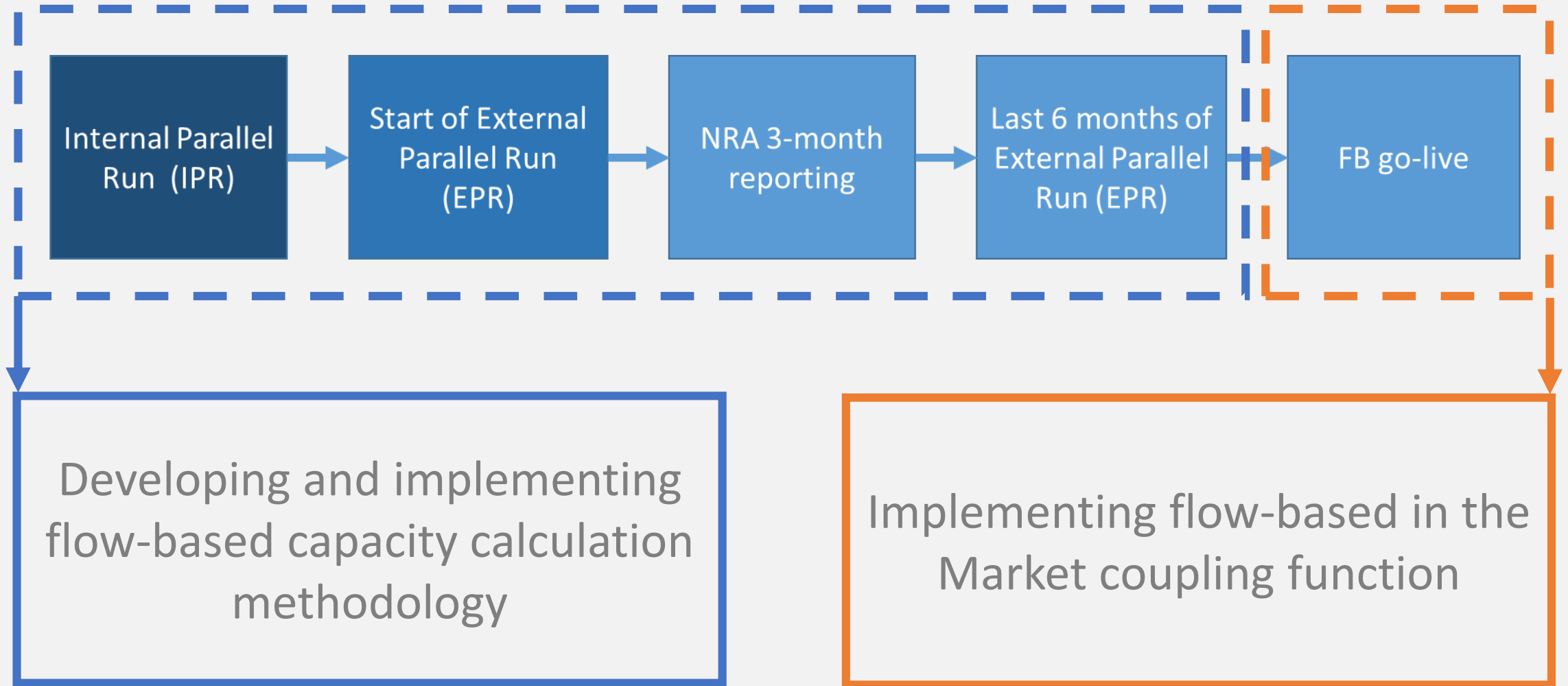
EPR is going strong!

In one view: average flow and BZ prices in 2023





The FB go-live process is a separate step of the overall FB implementation process





Major market development projects are linked

European schedule



European schedule

FLOW BASED DA - IMPLEMENTATION TIMELINE

