

# CWE FB MC Project Status

## Concept of ID ATC after FBMC (all borders) – today's situation



### Go-live of ID ATC after FBMC

- On 29th March (for Business Day 30th March), the Intraday ATC Capacity Calculation process (CWE ID ATC CC) after Flow-Based market coupling for all CWE borders has been successfully implemented.

### Operational experience:

- First feedback after implementation is positive.
- TSOs will perform an evaluation to determine possibility of incremental improvements of intraday capacities being foreseen for the month of May.

### Please find below first results (Business Days 30/03 – 11/04) of ID ATC after FBMC process (all borders)\*

	Border direction							
ID ATC	FR->BE	BE->FR	FR->DE	DE->FR	NL->BE	BE->NL	DE->NL	NL->DE
% of time when increase was requested	100%	100%	19%	64%	100%	100%	63%	44%
% of time when increase was applied when requested **	29%	48%	28%	10%	28%	42%	15%	1%
% of time when decrease was applied	0%	0%	0%	0%	0%	0%	4%	0%
% hours when initial ATC was equal to 0	10%	25%	7%	25%	13%	17%	28%	5%
% of the time when the initial ATC was equal to 0 but an increase was applied (resulting in final ATC > 0)	41%	34%	32%	10%	31%	39%	14%	0%
Total sum of capacity additionally given to market due to increase [MWh]	17.450	29.400	1.700	1.900	16.550	24.950	-243	100

\* Disclaimer: this data represent only the first twelve days of the ID ATC process. Statistics for a longer time period would provide a better representation.

\*\* 'The (%) of capacity increases are an outcome of coordinated CWE validation process where requests are evaluated by CWE TSOs for impacts on system security.'

# CWE FB MC Project Status

## Transparency improvements (1-2)



Since FB MC go-live in May 2015, CWE project partners committed to continuously extend transparency towards market participants.

- Intensified dialogue with Market Parties
  - Introduction of the [CWE Consultative Group \(CCG\)](#) to facilitate discussions between the Market Participants, TSOs, PXs, and NRAs on the Flow-Based Capacity Calculation methodology and its future improvements in the region;
  - [Regular answer to Market Participants' questions](#) and requirements through the Q&A Forum platform on JAO website. Since FB MC go-live, CWE experts have addressed 37 questions via this channel, in addition to the ones discussed in CCG meetings;
  - Co-development with Market Parties of a standard process to communicate on and assess the impact of significant changes ([SPAIC](#)).
- Improvements in [transparency](#) and [market efficiency](#)
  - [Publication](#) of various information and indicators on CWE FB MC operations on JAO, PXs and TSOs websites such as:
    - Anticipated publication of non-redundant anonymized FB parameters at 8 am and final publication at 9.30 am
    - Two days ex post publication of all FB parameters with fixed anonymized ID
    - Static grid models and aggregated D2CF via the Utility Tool
    - Pedagogical information on PST coordination and CBCO drivers
    - Disclosure of monthly market results reports (incl. Flow-Based Plain results)
    - Documentation sharing and updates
  - [Feedback](#) provided on the MPP-EFET "*Flow Based Market Results: request of information*" (dated January 29<sup>th</sup> 2016) during the CCG meeting of March 30<sup>th</sup> 2016. Both [operational and transparency questions](#) were addressed.

# CWE FB MC Project Status

## Transparency improvements (2-2)



### Pending transparency propositions

- Pending MPP-EFET requests formulated in the "*Flow Based Market Results: request of information*" (Jan. 29<sup>th</sup>, 2016)
  - The following transparency requests are pending due to TSOs inability to share confidential information:
    - D2CF and CGM data (request #8)
    - RAM and FRM margin (request #9)
    - Critical branches (request #10)
    - GSK harmonization & transparency (request #11)
  - TSOs have communicated a letter to CWE NRAs on April 4<sup>th</sup> 2016 explaining their various positions and current inability to share what is considered as confidential information. TSOs have received CWE NRAs guidance to progress on this request and are currently analyzing it.
- Pending MPP-EFET requests formulated in the "*MPP discussion note – Transparency requirements of capacity calculation and allocation*" (April 8<sup>th</sup> 2016)
  - Ex-ante publication of the complete set of flow-based parameters by the TSOs. This request covers:
    - CBCO, including the mapping with the lines (line + eventual trip for N-k calculation, nodes ID) in fixed ID formats, and transparency on remedial actions affecting CBCO
    - RAM, including a breakdown into Fmax, Fref, FRM and FAC in fixed ID
    - PTDF matrices, including maximum import and export limit and transparency on any changes of the matrices
  - CWE TSOs take the request seriously and provide feedback to MPP-EFET with a formal letter. TSOs are conducting an assessment whether there are potential measures that should be taken in order to answer the request (results expected end of May).



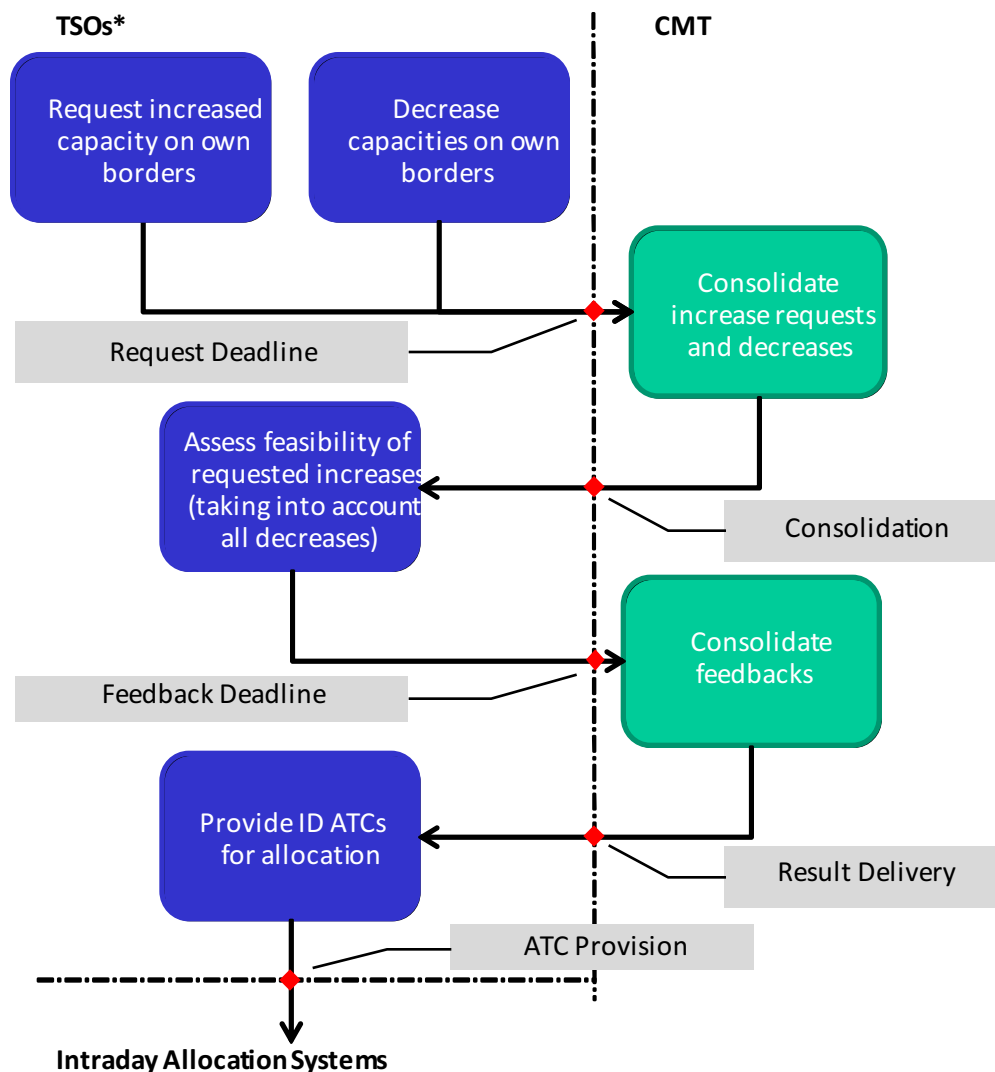
# APPENDIX

# Annex: ID ATC after FBMC

## Details on ID ATC process



Please find below an overview and description of the ID ATC process on all CWE borders.



- ▶ Each TSO can request a capacity increase on its own borders for each hourly market time period (MTP) of the following day. The maximum increases per border are:
  - ▶ BE <-> FR and BE <-> NL: 200 MW.
  - ▶ DE <-> FR and DE <-> NL: 100 MW.
- ▶ In case of emergency situation, TSOs can notify a decrease in capacity on its own borders for each hourly MTP of the following day.
- ▶ A Central Matching Tool (CMT) consolidates the increase requests and the decrease notifications.
- ▶ Based on this consolidated input all TSOs analyse and evaluate the capacity increases on all bidding zone borders within CWE by means of local tools, according to common principles.
  - ▶ The analysis will enable TSOs to accept fully, partially or reject the capacity increase request in a justified manner.
- ▶ Each TSO provides a feedback to the CMT before each deadline. The feedback will be consolidated by the CMT.
- ▶ The consolidated feedbacks are then sent to the TSOs who provide these to the respective Intraday Allocation System.

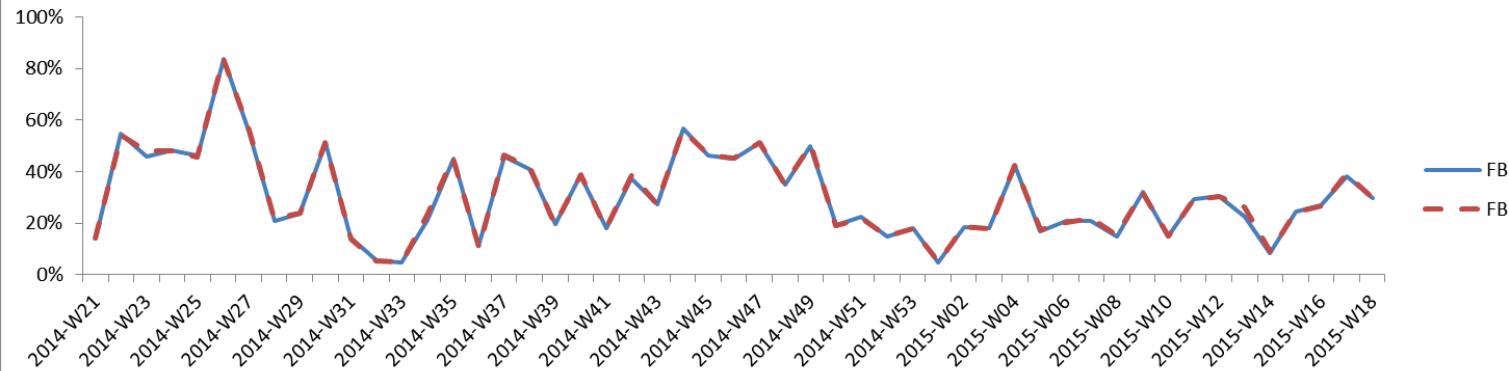
\*Coreso assesses, requests and evaluates the capacity increases on behalf of Elia and RTE

# Annex: FB parallel run vs FB operational market results

## Weekly Price convergence

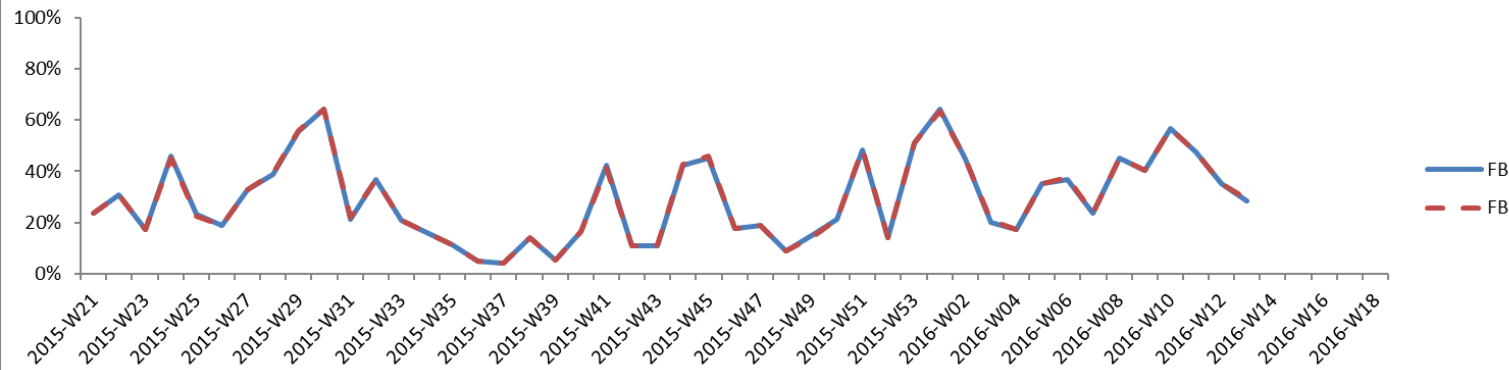


**Before FB GOLIVE : MAY 2014 - APRIL 2015**



**Parallel  
run**

**After FB GOLIVE : MAY 2015 - MARS 2016**

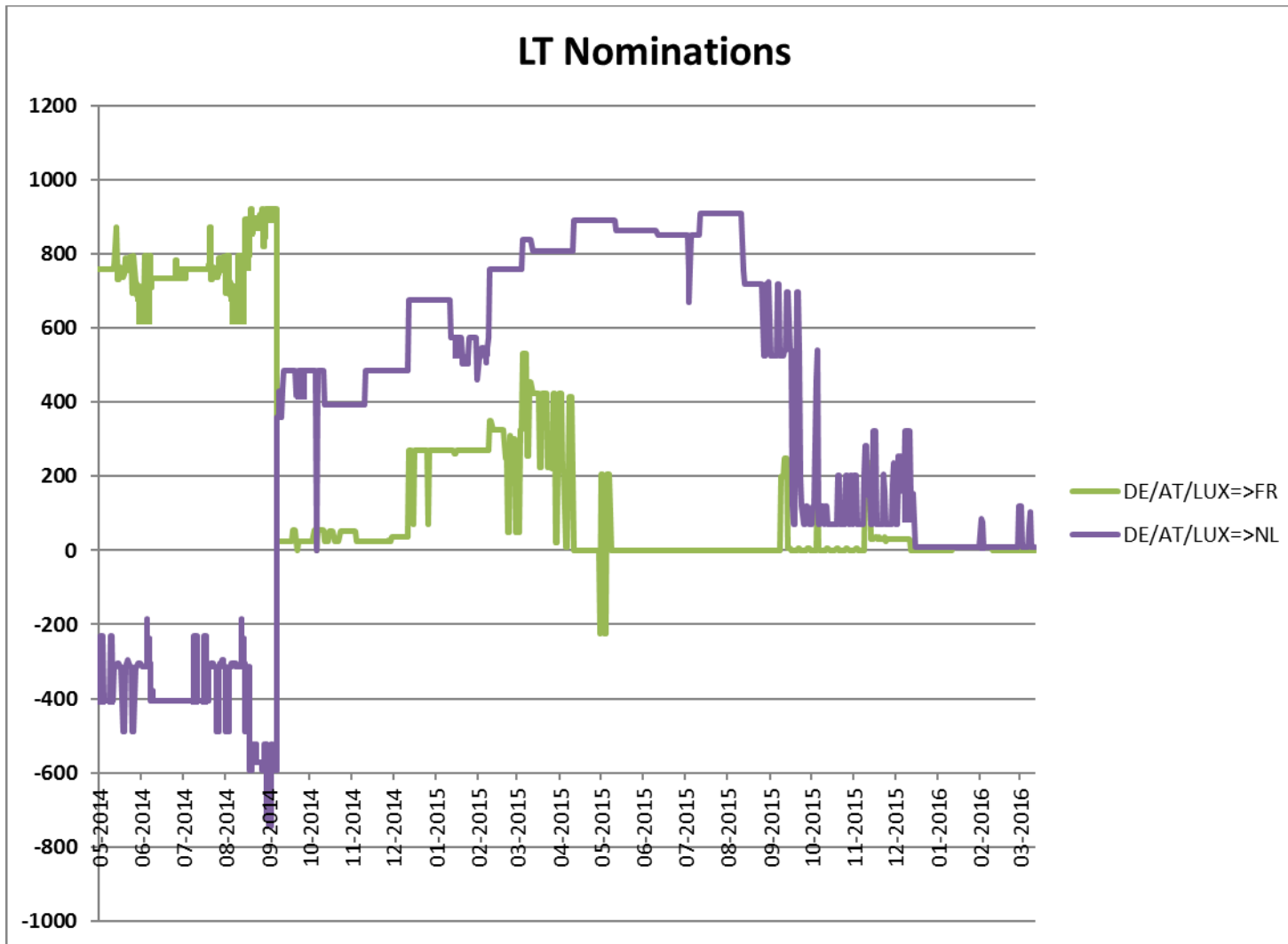


**Operational  
run**

- Full price convergence pattern since FB go-live changed compared to the parallel run period
- Noticeable increase since 2016
- On weekly average, price convergence under Plain FB and Intuitive FB are comparable

# Annex: LT Nomination monitoring

## May 2014 – March 2016



- LT nominations on remaining borders tend to zero