

EU market integration topics

Users Group Elia

17/3/2016

Important EU market integration topics

1. Capacity calculation regions (CRR)

1. TSO proposal on CCRs submitted to NRAs in November 2015 (~ Art. 15(1) of CACM)
 1. NRA decision expected by May 2016
 2. Belgium is involved in both CWE CCR as in Channel CCR (Nemo Link)
 3. As per Art. 15(3) of CACM GL, the CWE and CEE CCRs must eventually merge

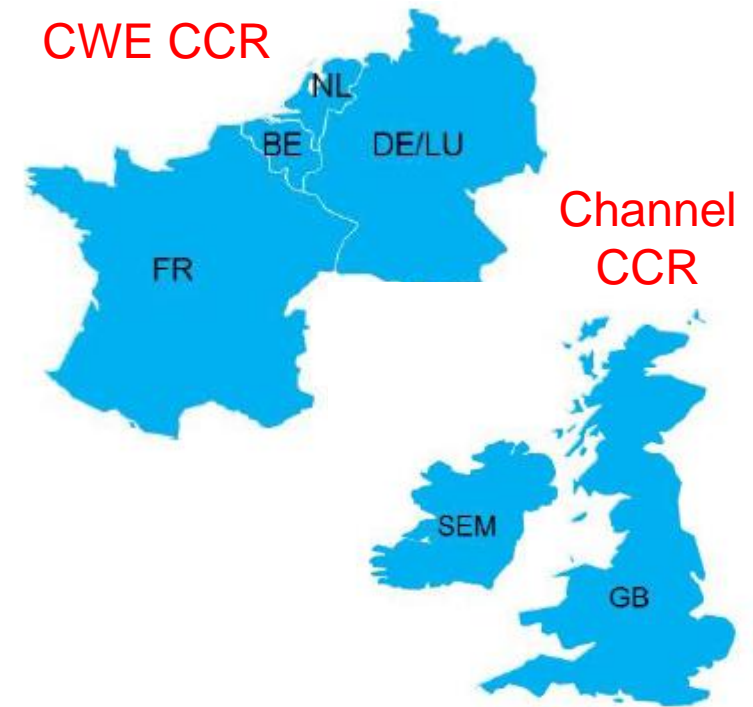
2. Beginning of March CWE and CEE TSOs signed a joint MoU with the aim of:
 1. developing a common FB DA capacity calculation Methodology; and
 2. merging the CWE and CEE CCRs in a second stage.

2. Multiple NEMO designation for Belgium

1. On 5/2 the designation of Belpex SA and Nord Pool AS for the Belgian market was published

2. Elia will prepare, get approved and set up the necessary arrangements, in line with the principles described in CACM GL, to allow for the non-discriminatory operation of multiple NEMOs in the Belgian control area,

3. Discussions amongst CWE TSOs on an harmonized CWE approach are ongoing.



Important EU market integration topics

3. Flow-based Intraday:

1. Goal for 2016 is to perform experimentation, define detailed scoping and to prepare the approval process.

4. Long Term Timeframe

1. Network Code Forward Capacity Allocation will not enter into force before July 2016 (hence late for application in 2017)
 1. TSOs working on early implementation project (update of EU HAR) with main focus on “curtailment and firmness”
 2. Consultation on proposal planned in April / May

5. Status Cross Border Intraday: Quick Win step 1

6. ID ATC Improvements:

Quick Wins on the Belgian Borders – Step 1 – 22nd March

Technical features

- RTE platform => « Intraday Capacity Service » (ICS) allocation platform provided by Deutsche Börse AG (DBAG)
- Improved pro rate => FCFS (First Come First Serve)
- Allocated = Nominated
- Nomination on behalf
- Neutralization time of 1 hour instead of 2 hours
- 12 Gates => 24 Gates

Testing

- Testing of the new mechanism on the bidding zone border Belgium-France : 17/03/2016 till 18/03/2016. (marketservices@rte-france.com)
- Testing of Elia E-Nomination system : 17/3/2016 till 18/03/2016. (cs@elia.be)

Go-live:

- CREG and CRE final decision was given 18th February 2016
 - Target go-live 22nd of March 2016 with first delivery 23rd of March 2016
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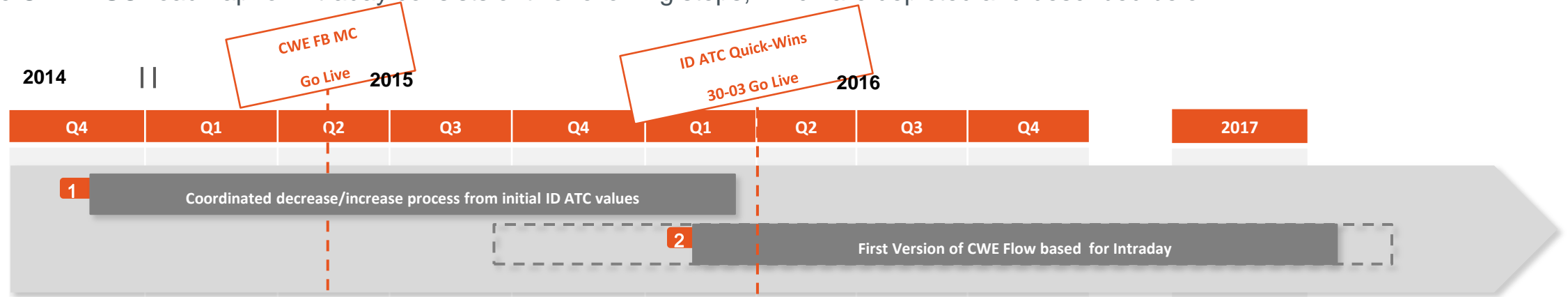
Quick Wins on the Belgian Borders – Step 2 – September 2016

- BE-NL border : EUROLIGHT platform => « Intraday Capacity Service » (ICS) allocation platform provided by Deutsche Börse AG (DBAG)
 - Implicit capacity allocation on the BE-FR & BE-NL border – coupling of the BE and NL markets with the EPEX markets in France, Germany, Austria and Switzerland
 - 24 gates and 1 hour gate closure time
 - Go-live is expected around September 2016
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Intraday Roadmap

2014-2018

The CWE TSO roadmap for Intraday consists of two following steps, which are depicted and described below.



1 Coordinated decrease / increase process from initial ID ATC values

ID ATC after FBMC process allows all CWE TSOs to assess the increase and reject it when endangering Security of Supply, with the aim to coordinate decrease / increase at all CWE borders and apply as a daily process and not only for exceptional cases.

2 First version of CWE Flow based for Intraday

- Target model for Intraday is a Flow based solution, but tailored to fit Intraday requirements and data models.

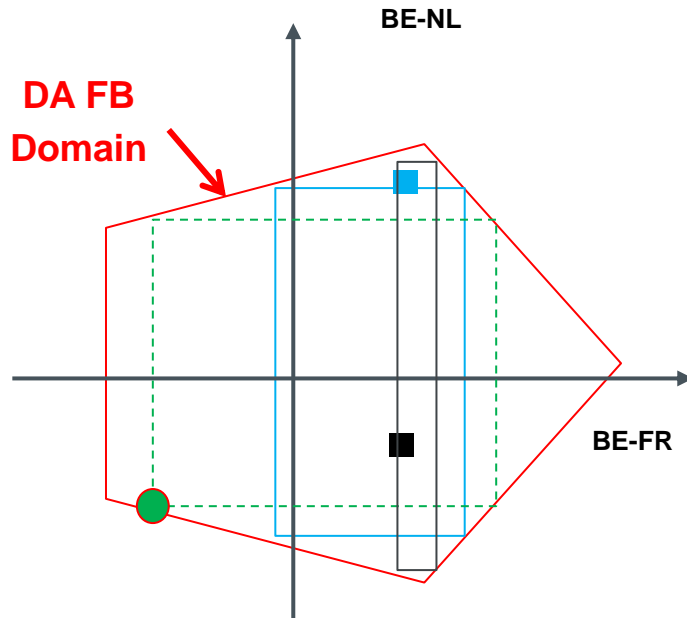
Décision finale de la CREG (B)160303-CDC-1479.

- “[...], la **CREG** ne peut approuver la proposition d’Elia relative au “modèle général de calcul de la capacité de transfert totale et de la marge de fiabilité du transport – modèle applicable aux frontières begles pour la capacité infrajournalière”. Etant donné que la proposition d’Elia peut être considérée comme une avancée par rapport à la situation actuelle, la CREG autorise Elia à la mettre en oeuvre. La CREG demande à Elia de tout mettre en oeuvre pour se conformer au plus vite aux exigences du Règlement 2015/1222 et du Règlement 714/2009.

Day-Ahead FB provides ID ATC

As Is today and until 30-03-2016

After DA FB approach



With DA FB , NTCs are not relevant anymore!

An algorithm has been developed in order to **compute initial ID ATCs out of the DA FB domain**. It increases simultaneously and with identical quantity the exchanges on each border till reaching the limit of the domain.

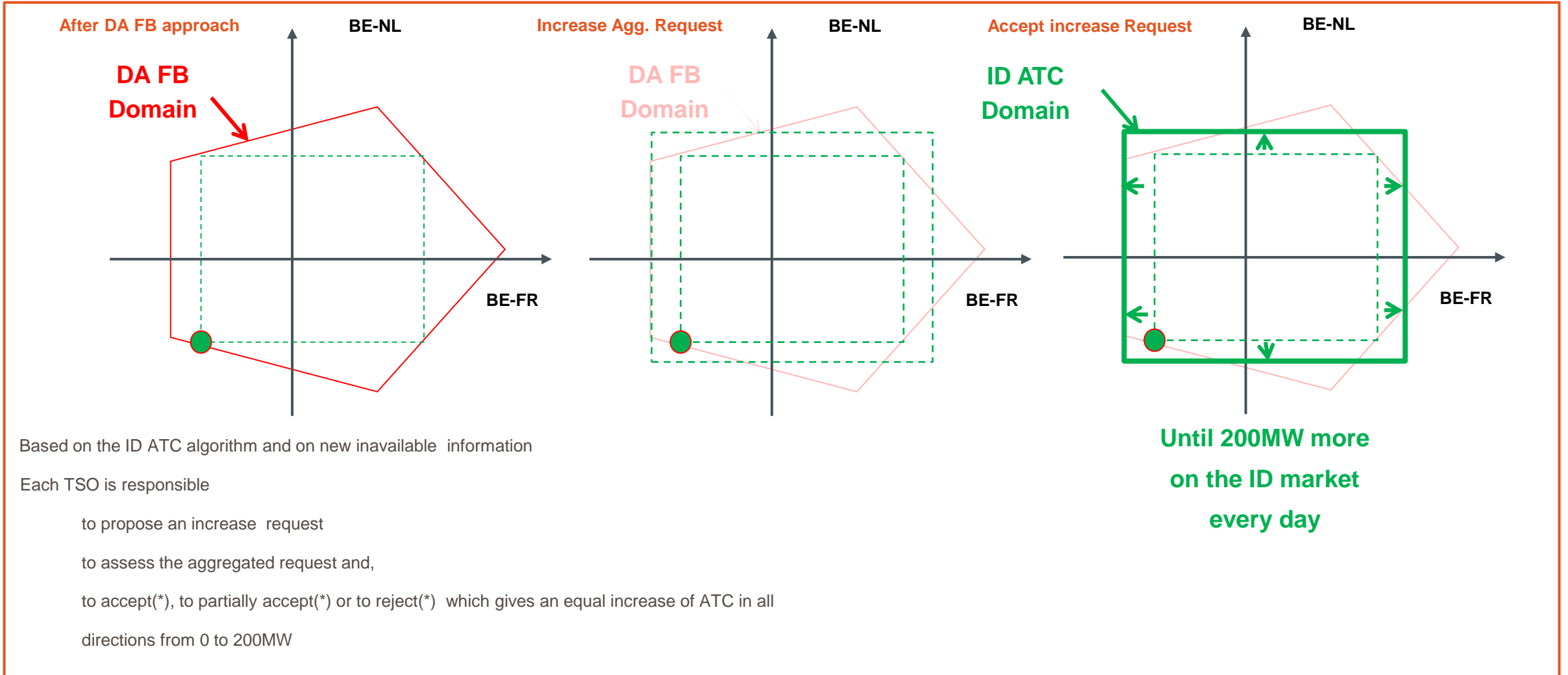
With the current algorithm computing **ID ATC based depending on DA FB domain and on the DA clearing point**.

- Capacities could be **0MW on both directions of a border**
- If market in DA wants to use a direction to the limits and ends in a corner, capacities could also be blocked on (all the) other borders

There was a need for improving the ID ATC process.

ID ATC: Quick-Wins

Go-Live 30-03-2016: Intraday Increase of ATC



Based on the ID ATC algorithm and on new inavailable information

Each TSO is responsible

- to propose an increase request
- to assess the aggregated request and,
- to accept(*), to partially accept(*) or to reject(*) which gives an equal increase of ATC in all directions from 0 to 200MW

(*): the same amount for all of the CWE borders (0,50,100, 200MW)