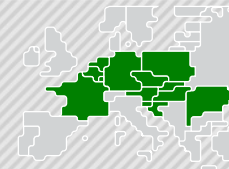


Implementation of the Day Ahead Flow Based Capacity Calculation 1/2

October 2018 - present:

- Core TSOs, and RSCs, with the support of IT suppliers, started the INT//Run for DA FB CC in October 2018
- More than 100 Business Days were simulated with the focus on building up knowledge, local TSO processes and systems, the needs for the central Core capacity calculation tool, the RSCs tools and the respective IT infrastructure and connectivity, etc.
- At that point in time, the methodology had not been approved.
 - This INT//Run was run based on working assumptions on the capacity calculation approach following the principles of the methodology submitted to NRAs in June 2018
- The systems used were prototypes (e.g. re-using CWE enhanced systems and adjusted tools from RSCs)
- In August 2018 the Core DA CC methodology was escalated to ACER
 - This led to high uncertainties and additional workload for FB experts during technical discussions with ACER until their final decision on February 2019, which included significant changes compared to the methodology submitted by Core TSOs.
- Although substantial progress was made on all sides, Core TSOs identified **challenges and issues that in a first step need to be solved before entering the next phases**.
 - The decision was taken to stop the INT//Run due to limited quality of the results and recurrent issues with prototypes
 - The focus was set on the developments of robust industrialised solutions for the central Core capacity calculation tool, and to develop the related business processes.
- These challenges lead to an expected **delay of the implementation of the DA FB CC project in the Core CCR** (deadline in CCM is 01/12/2020 by ACER decision 02/2019).
 - The start of the EXT//Run is currently foreseen for Nov 2020 in order to have a well tested system which gives relevant results to market parties.
 - The operational readiness for Market Coupling is currently foreseen for May 2021 with Go Live window until September 2021



Implementation of the Day Ahead Flow Based Capacity Calculation 2/2

Core TSOs take the legal deadline set by ACER very seriously and understand well the importance of the Core DA FB implementation in Europe

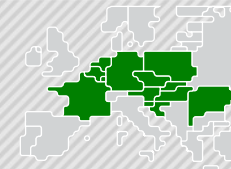
Core TSOs have investigated potential scenarios to meet the CCM implementation deadline

- Investigated mitigation measures:
 - Shortening the time for developing & stabilising local systems
 - Shortening the period for operators training
 - Shortening the EXT//Run
- In all scenarios, however, the **associated risks have been assessed as too high:**
 - Results not fully analysed and therefore → risk of insufficient quality for publication during EXT//Run
 - High operational risks → risk of having unstable planning with many updates
 - Dependencies on external parties (i.e. IT suppliers, NEMOs, RSCs) → risk of uncontrolled delays (in particular if the planning is not stable)
 - Shorter EXT//Run → legally not possible and against usual request to have sufficiently long EXT//Run

None of the potential scenarios investigated proved to comply with all requirements in ACER's decision.

Way forward

- Both Core TSOs and NEMOs can jointly convey that Core FB DA Go-live in 2021 is the earliest implementation date securing the deployment of strong and stable solutions and providing enough testing time for TSOs, NEMOs and Market Participants.
- Core TSOs are in interactions with EC, Core NRAs and ACER on the implementation timeline and seek to agree on a stable, realistic planning, that provides **visibility** on the changes **and allows Market Participants adopt to the changes on their side**, too.
- MPs will be informed as soon as the outcomes are clearly concluded. In any case regular follow-up by NRAs, ACER and EC will be organised.



High-level FB DA CC and FB MC project Roadmaps (as outcome of Core JSC 2019/09/25)

