

15 min Imbalance Settlement Period – way forward

24.03.2022 / NBM reference group meeting

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Agenda

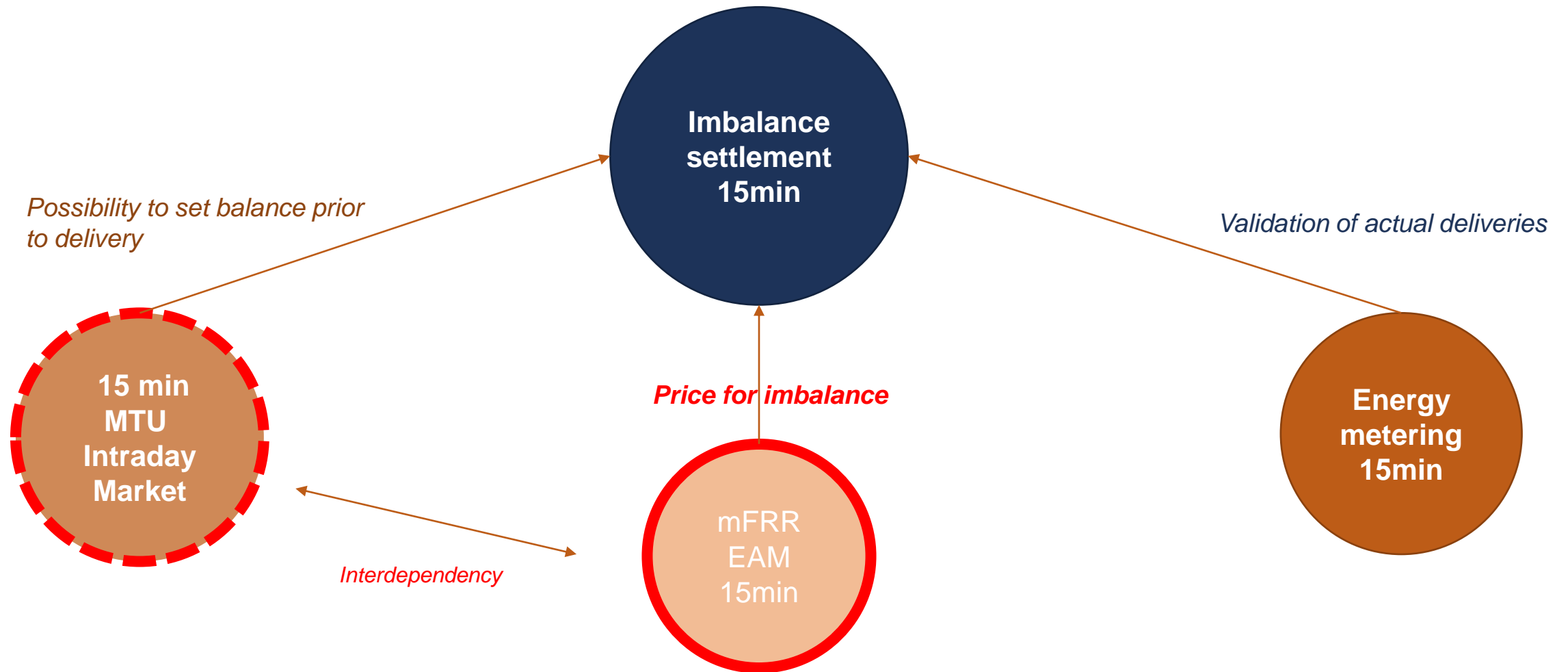
- Impacts of mFRR EAM delay on 15 min ISP
- Way forward
- eSett implementation
- Individual TSO plans



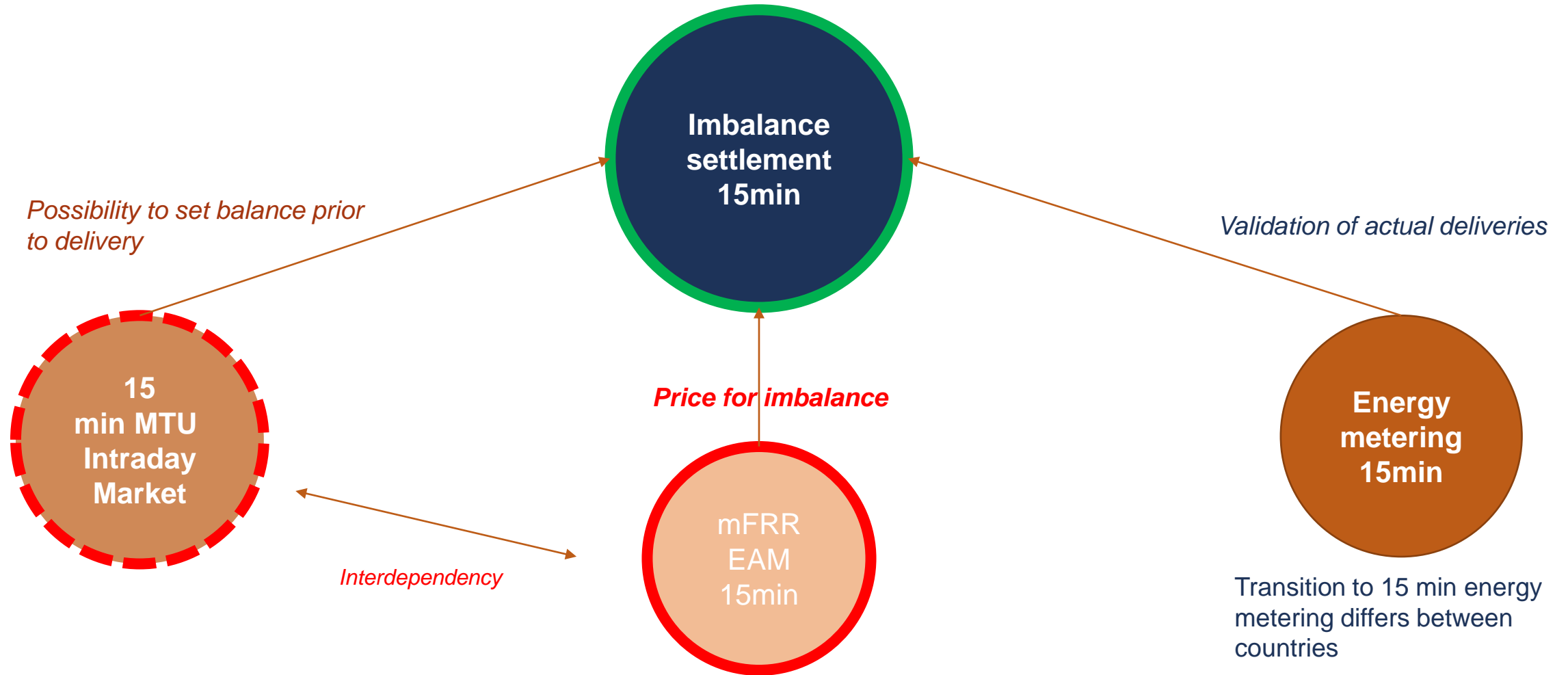
Abbreviations

- mFRR EAM = Manual Frequency Restoration Reserve Energy Activation Market
- TSO = Transmission System Operator
- ISP = Imbalance Settlement Period
- MTU = Market Time Unit

Delay of mFRR EAM impacts 15 min ISP



Technical implementation of 15 min ISP assures eSett implementation



NBM Roadmap Reassessment

- **The new go-live date of the automated Nordic mFRR EAM is in October/mid-November 2023, and further analyses will be done to set the remaining milestones in the NBM roadmap.**
- The current roadmap is built on a stepwise approach where go-lives are separated by stabilization periods before the next milestone. During the current assessment, this strategy was challenged, but it was determined that a stepwise implementation is still the best way to move forward.
- Further analyses are required to set a final date and to assess how remaining milestones will be affected, including implementing 15-minute MTU in the markets.

Local TSO plans for 22.5.2023

Energinet

- **15 min MTU in energy markets. The implementation of 15 min Market Time Unit (MTU) is still being reassessed**
 - Cross-border trading in 15 min MTU is not possible before the go-live of mFRR EAM
 - Intrazonal intraday trading in 15 min MTU is possible, from a TSO perspective, within the Danish bidding zones from 22.5.2023 and thus before the go-live of mFRR EAM
- **Imbalance price** will be same for each quarter of an hour
 - Imbalance fee will be netted within the hour
- **Energy metering.** The regulations for required 15 min meter values will have a public hearing in Q2 2022
 - The Danish DataHub will allow all values to be reported in 15 min resolution by the end of 2022

Fingrid

- **15 min MTU in energy markets. The implementation of 15 min Market Time Unit (MTU) is still being reassessed**
 - Cross-border trading in 15 min MTU is not possible before the go-live of mFRR EAM
 - Intrazonal intraday trading in 15 min MTU is possible within the Finnish bidding zone from 22.5.2023 and thus before the go-live of mFRR EAM
- **Imbalance price** will be same for each quarter of an hour
 - Imbalance fee will be netted within the hour
- **Energy metering** will move to 15 min resolution by the 22.5.2023 according to the national metering decree (VNA 767/2021)
 - **Datahub** will be ready to receive 15 min data on the 1.1.2023

Statnett

- **15 min MTU in energy markets. The implementation of 15 min Market Time Unit (MTU) is still being reassessed**
 - Crossborder trading in 15 min MTU is not possible before the go-live of mFRR EAM
 - Intrazonal trading in 15 min MTU is not possible in the Norwegian bidding zones before the go-live of mFRR EAM
- **Imbalance pricing** will be same for each quarter
 - Imbalance fee will be netted within the hour
- **Energy metering.** The Norwegian NRA is amending the regulation for metering and settlement
 - The Norwegian datahub, Elhub will implement 15 min resolution in two phases:
 - Phase 1 enables Elhub to receive 15 minutes values
 - Phase 2 includes profiling from 60 to 15 minutes values and adjustments of business processes to handle 15 minutes values

Svenska kraftnät

- **15 min MTU in energy markets. The implementation of 15 min Market Time Unit (MTU) is still being reassessed**
 - Crossborder trading in 15 min MTU is not possible before the go-live of mFRR EAM
 - Intrazonal intraday trading in 15 min MTU in the Swedish bidding zones before the go-live of mFRR EAM is being assessed by the TSO
- **Imbalance pricing** will be same for each quarter
 - Imbalance fee will **probably** be netted within the hour
- **Energy metering.** Svenska kraftnät has proposed to the ministry of infrastructure to postpone the requirement of 15 min metering and reporting to 1 November 2023

Questions?