



NBM

Nordic Balancing
Model

15 min ISP derogation

Status report

NBM stakeholder meeting

12.03.20

Lars Olav Fosse/Chair 15 min ISP derogation

Visit www.nordicbalancingmodel.net

Key points

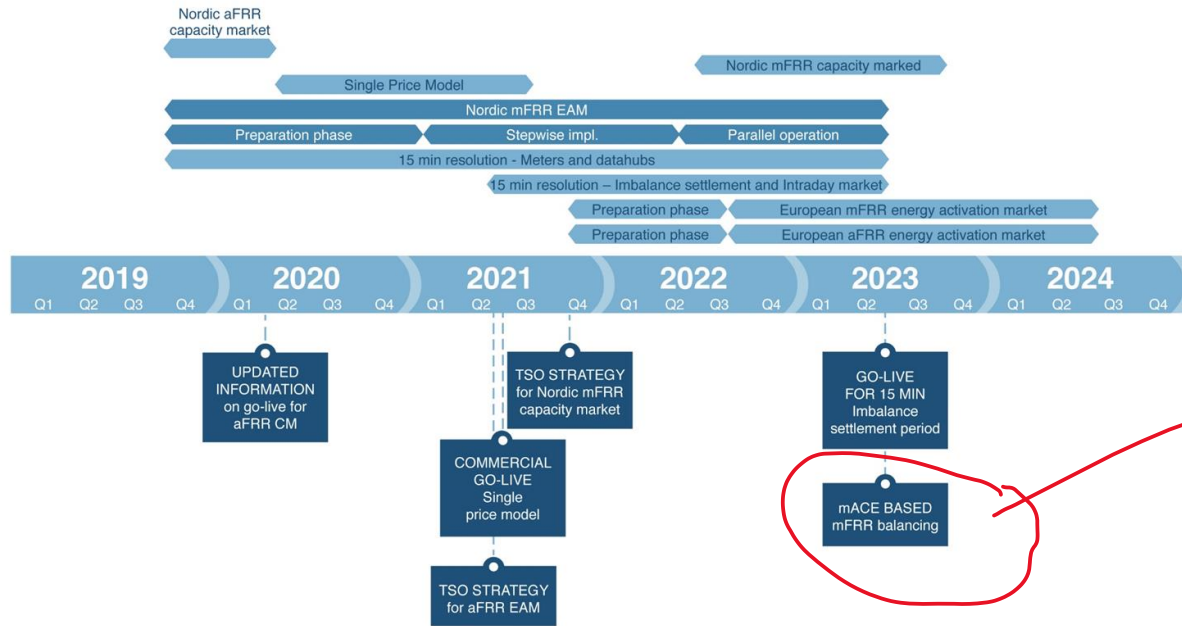
- Four national requests for derogation
- Derogation until Q2 2023 based on Road Map, but assessment ongoing
- Consultations in Sweden, Denmark and Finland in March
- There are risks (regulatory, IT development, implementation)
- Derogation has limited impact on European energy markets and integration of European balancing markets

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Implementation plan and schedule – Nordic issues

- NBM: Need new mFRR EAM and higher volumes of aFRR



With frequency based balancing ISP must be aligned in the Nordic synchronous area. ISP15 planned before MACE.

- eSett: Implementation of ISP15 in Basse (and single price)
- ID: 15 XBID continuous trade in the Nordic from go live of ISP15

Implementation plan - Norway

- Meters: Numbers of meters changed or reprogrammed can be limited to around 6000. If so, low risk of not meeting go live date. Even with higher number, most will only be reprogrammed
- Datahub: Plans ready, but dependent on final regulation. If regulations are in line with specifications, Elhub should meet the target date
- Regulations: RME/NVE will send a report on the implementation of ISP15 on public consultation. Time plan of RME/NVE in line with implementation in Q2 2023

Implementation plan - Finland

- Automatization of system operations regarding balance management
- Changes and upgrades in grid metering
- Datahub implementation and upgrade to 15 min
- Stakeholder management
- Legislative and contractual updates

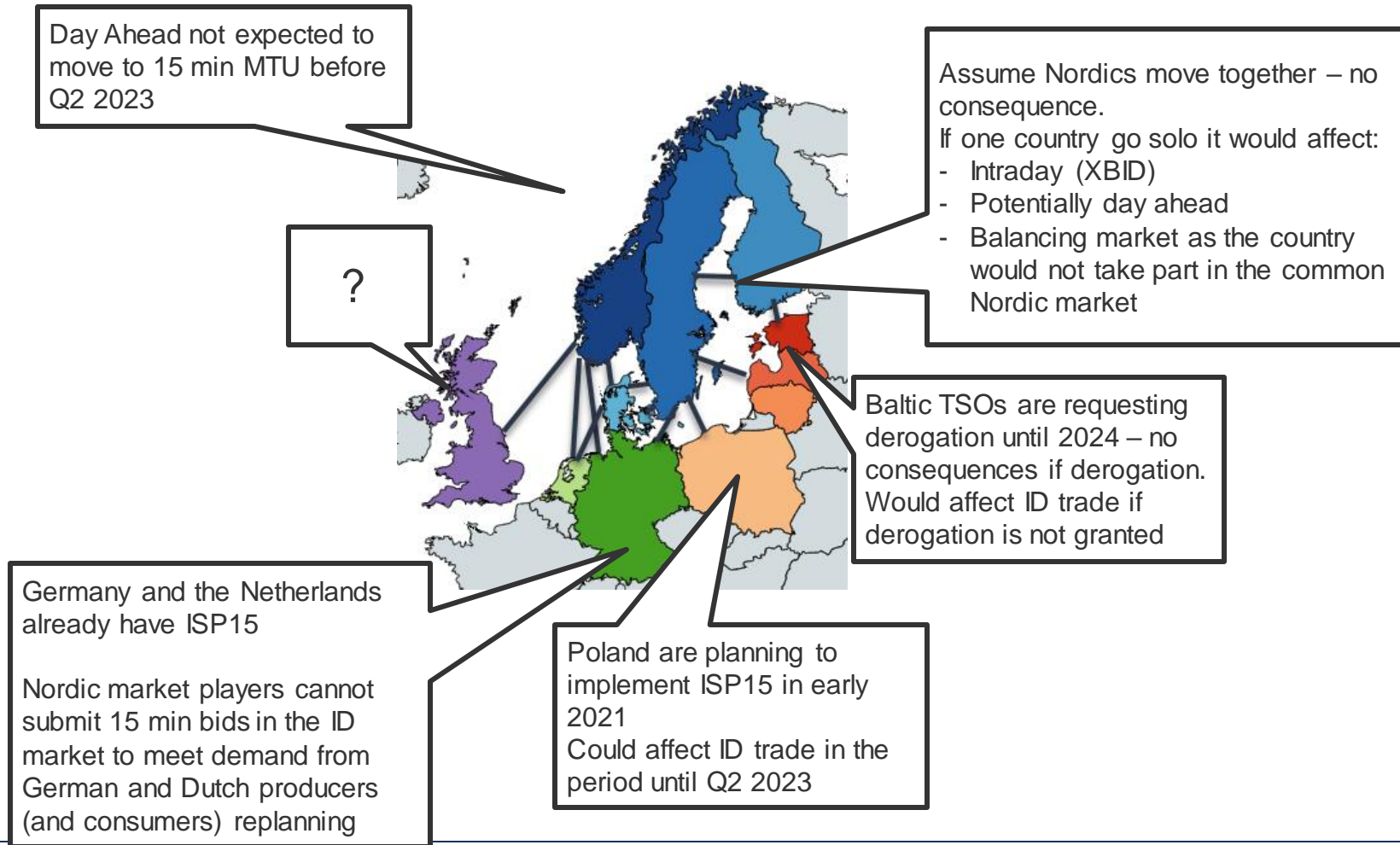
Implementation plan - Denmark

- Changes in meter resolution in progress, following plan for change to remotely read electricity meters by the end of 2020.
- Data hub is prepared for handling 15 minutes ISP.
- Regulations will be updated harmonized with time schedule for 15 ISP.

Implementation plan - Sweden

- Meters for Meter Grid Area (MGA) exchanges and large production will be upgraded in order to handle 15 min resolution
- No impact regarding the datahub since the implementation of 15 min ISP will be before the go-live date for the datahub. However, requirements for 15 min ISP are in the implementation plan for the datahub
- New functional requirements for meters states that all meters have to be able to handle 15 min resolution by the latest 1 Jan, 2025. Hence, amendments to the 2nd legislation will be provided regarding meters for MGA exchanges and large production

Consequences for adjacent markets





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Thank you for your attention