

# Transparency in NBM

03.06.21

NBM –Stakeholder Reference Group

# Purpose of today's discussion

Two key goals of today's discussion of the transparency reporting and changes coming from NBM

1. Share TSO's view and plans for future reporting, especially on the view of NBM projects
2. To get understanding of stakeholders needs of reporting, which can be used as an input when making future strategy of transparency reporting



# Transparency reporting, Single Price

## New data to be published:

- Imbalance price in case of no activation -> Imbalance price calculated with Value of Avoided Activation (VoAA) and **Incentivizing component (IC)**
- ISH Art. 9.7 Incentivizing component is to be published by TSOs
- Data not existing on Transparency Platform (TP) today
- From a go-live of single price **IC values are to be published on Fingrid's open data for all Nordic areas** and under eSett market data as an interim period of time
- Long-term solution is to get data on Transparency Platform (or NUCS, if not agreed by all TSOs to publish on TP)

## Existing data on TP:

- Trans 17.1.g Imbalance prices are published on TP in euros.
- Trans 17.1.h Total Imbalance volume and difference in MWh
- Note: Dominating direction is not published on TP

Existing data published on local TSO systems remain same as today

Imbalance settlement period	MBA NL					
	[17.1.G]			[17.1.H]		
	+ Imbalance price	- Imbalance price	Status	Total Imbalance		
	[EUR/MWh]	[EUR/MWh]		[MWh]	Difference	Situation
00:00 - 00:15	<a href="#">41.87</a>	<a href="#">41.87</a>	<a href="#">Estimated</a>	n/e	n/e	n/e
00:15 - 00:30	<a href="#">58.81</a>	<a href="#">58.81</a>	<a href="#">Estimated</a>	n/e	n/e	n/e
00:30 - 00:45	<a href="#">58.81</a>	<a href="#">58.81</a>	<a href="#">Estimated</a>	n/e	n/e	n/e
00:45 - 01:00	<a href="#">53.75</a>	<a href="#">53.75</a>	<a href="#">Estimated</a>	n/e	n/e	n/e
01:00 - 01:15	<a href="#">63.25</a>	<a href="#">63.25</a>	<a href="#">Estimated</a>	n/e	n/e	n/e

# Transparency reporting, m/aFRR CM

## New data to be published on TP:

- EBGL Art. 12.3.f Procured balancing capacity
  - Information on offered volumes as well as offered prices of procured balancing capacity
  - For Reserve Types: aFRR and mFRR
- EBGL Art. 12.3.h Allocation of cross-zonal balancing capacity
  - For Reserve Type: aFRR and mFRR
- EBGL Art. 12.3.i Use of cross-zonal balancing capacity
  - For Reserve Type: aFRR and mFRR

## Existing data on TP:

- Trans Art. 17.1.b Volumes of Contracted Balancing Reserves
- Trans Art. 17.1.c Price of Reserved Balancing Reserves
  - Reserve Types: mFRR and aFRR
  - DK, FI and NO: per each MBAs
  - SE: missing
- Trans Art. 17.d Accepted Aggregated Offers
  - DK, FI: mFRR, aFRR per MBAs
  - NO: mFRR for MBA NO
  - SE: mFRR per MBAs

# Transparency reporting, m/aFRR EAM

## New data to be published on TP

- EBGL Article 12.3.a – Current balancing state
  - For DK, SE and NO
  - Resolution: Per minute
- EBGL Article 12.3.b – Procured balancing energy bids
  - Reserve types: aFRR, mFRR
- EBGL Article 12.3.c – Information on bid conversion
  - Reserve types: aFRR, mFRR
- EBGL Article 12.3.d – Information on bid conversion into standard
  - A document describing rules of bid conversion
- EBGL Article 12.3.e – Aggregated balancing energy bids
  - Reserve types: aFRR, mFRR

NOTE: EBGL Art 12.3.b, some TSOs will not to publish bid information.

— Reserve Type

aFRR ?

mFRR ?

RR ?

— Direction

Up

Down

— Type of Product

Standard

Converted

Specific

Integrated process

Local

— Status

Available

Unavailable

— Complexity

Exclusive

Linked

Multi-part

None

## Existing data on TP

- EBGL Article 12.3.a – Current balancing state
  - FI state is published
  - Same calculation as for Total Imbalance (Trans 17.1.h)
- EBGL Article 12.3.b – Procured balancing energy bids
  - mFRR bids for FI
- Trans Article 17.1.e – Activated Balancing Energy
  - Reserve types: aFRR, mFRR (and FCR-N)
  - For all MBAs
- Trans Article 17.1.f – Prices paid by the TSO for activated balancing energy
  - Reserve types: aFRR, mFRR (and FCR-N)
  - For all MBAs

# FCR and Other

Following information is to be published on Transparency platform for FCR-N

- EBGL Art. 12.3.f Procured balancing capacity
- EBGL Art. 12.3.h Allocation of cross-zonal balancing capacity
- EBGL Art. 12.3.i Use of cross-zonal balancing capacity

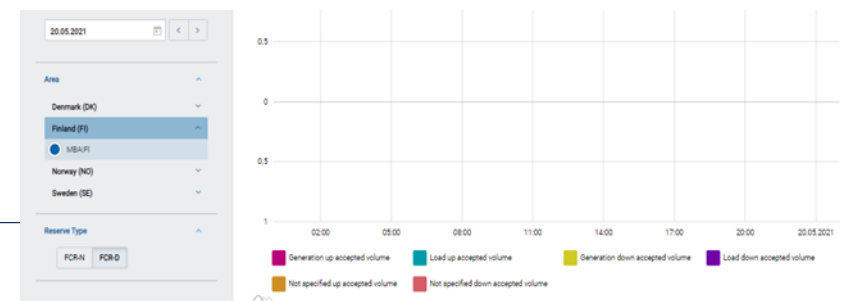
Information of the FCR-D are to be published on NUCS:

- Trans Art. 17.1.b - Volumes of Contracted Balancing Reserves
- Trans Art. 17.1.c - Price of Reserved Balancing Reserves
- Trans Art. 17.1.d --Accepted Aggregated Offers
- Trans Art. 17.1.e – Activated Balancing Energy

Special regulation volume and Reason codes will be published on NUCS.

Existing information on TP for FCR-N

- EBGL Art. 12.3.f Procured balancing capacity
  - FI
- Trans Art. 17.1.b Volumes of Contracted Balancing Reserves
- Trans Art. 17.1.c Price of Reserved Balancing Reserves
  - DK, FI and NO: per each MBAs
  - SE: MBA SE
- Trans Art. 17.d Accepted Aggregated Offers
  - DK, FI, NO: FCR-N per MBAs
  - SE: FCR-N for MBA SE





**Thank you!**

**NBM**  
Nordic Balancing  
Model