

*Unofficial translation*

29.2.2024

---

**Draft of changes to Fingrid's  
Reserve Trading and  
Information Exchange  
guideline regarding the  
Automatic Frequency  
Restoration Reserve (aFRR)**

**FINGRID**



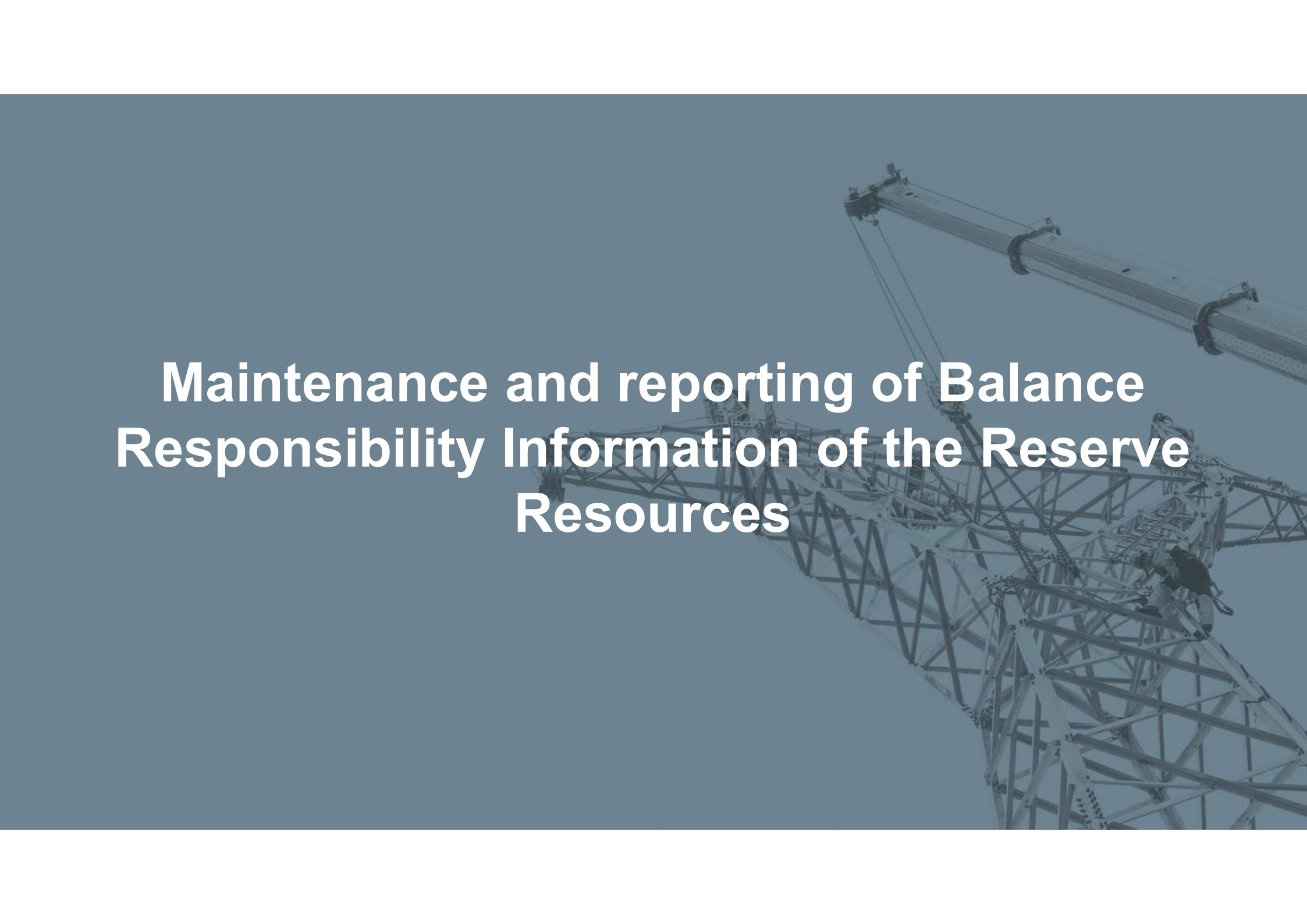
# New Delivered Balancing Energy message

- The Balancing Service Provider (BSP) sends the Delivered Balancing Energy message to eSett with Balance Responsibility Information per Imbalance Settlement Period and Regulation Object.
  - The obligation to send the Delivered Balancing Energy message applies to the BSP roles listed in the table on slide 3
  - The Delivered Balancing Energy message contains the Balance Responsibility Information of the Reserve Resource
    - The Independent Aggregator shall report the Balance Responsibility Information per Open Supplier, Metering Grid Area and Regulation Object (RE-MGA-RO combination) in order to obtain the Open Supplier Specification for the Independent Aggregator's compensation model
    - If the BSP does not act as an Independent Aggregator and does not see the need for Open Supplier Specification, the BSP can report the Balance Responsibility Information per Balance Responsible Party (BRP), Market Balance Area and Regulation Object (BRP-MBA-RO combination)
  - The Delivered Balancing Energy message is recommended to be reported in megawatt-hours with six decimal places
- The Delivered Balancing Energy message is structured in accordance with the [CIM / Activation Document](#)
- The BSP shall report the preliminary Delivered Balancing Energy information and the related Balance Responsibility Information to eSett with the Delivered Balancing Energy message within two days (at the latest D+2 10:00 CET/CEST) and the final Delivered Balancing Energy Information and the related Balance Responsibility Information with the Delivered Balancing Energy message within 13 days (at the latest D+13 12:00 CET/CEST)
- The BSP shall also report real-time data to Fingrid in accordance with the [Reserve information exchange – signal list](#)
  - The real-time data reported to Fingrid does not include the Balance Responsibility Information of the Reserve Resource

**FINGRID**

# What roles and activities of the BSP does the new Delivered Balancing Energy message apply to?

The role and activity of the BSP	Does the obligation to send the message apply to the BSP?	The new message
The BRP or the Open Supplier of Reserve Resources with Reserve Resources under one BRP	No	-
A Contractual BSP with Reserve Resources under one BRP	No	-
A Contractual BSP with Reserve Resources under different BRPs	Yes	Delivered Balancing Energy message with the information of the Balance Responsible Party of the Regulation Imbalance
The Open Supplier of Reserve Resources with Reserve Resources under different BRPs	Yes	Delivered Balancing Energy message with the information of the Balance Responsible Party of the Regulation Imbalance
Independent Aggregator	Yes	Delivered Balancing Energy message
Independent Aggregator (for part of the resources) and Contractual BSP (for part of the resources)	Yes	Delivered Balancing Energy message with the information of the Balance Responsible Party of the Regulation Imbalance
Independent Aggregator (for part of the resources) and the BRP or the Open Supplier of the Reserve Resources (to part of the resources)	Yes	Delivered Balancing Energy message with the information of the Balance Responsible Party of the Regulation Imbalance
Independent Aggregator (for part of the resources), the BRP of the Reserve Resources (to part of the resources) or a Contractual BSP or the Reserve resources' Open Supplier (to part of the resources)	Yes	Delivered Balancing Energy message with the information of the Balance Responsible Party of the Regulation Imbalance



**Maintenance and reporting of Balance  
Responsibility Information of the Reserve  
Resources**

# Maintenance of Balance Responsibility Information of Reserve Resources and Datahub's new authorization functionality

- The BSP is obliged to maintain up-to-date Balance Responsibility Information of the Reserve Resources and to report the information to eSett per Regulation Object. A Regulation Object can have several BRPs, Open Suppliers (Retailers) and Metering Grid Areas
- Up-to-date Open Supplier (Retailer), BRP and Metering Grid Area Information of the Reserve Resources is a prerequisite for carrying out the imbalance settlement
- **Contents of the Balance Responsibility Information**
  - Open Supplier of the Reserve Resource and the Open Supplier ID
  - The metering grid area of the Reserve Resource and the metering grid area ID
  - The Balance Responsible Party of the Reserve Resource and the Balance Responsible Party ID
- **Datahub's new authorization functionality: Balance Responsibility Information of the accounting point**
  - The Balancing Service Provider gets access to the accounting point balance responsibility information of the Reserve Resource by the end-customer authorization
  - The role of the Balancing Service Provider in Datahub is the flexibility service provider
  - The authorization functionality applies only to accounting points in the distribution network
  - Information given by the authorization: Accounting point id, Accounting point's type (production/consumption), status (connected, disconnected, under construction), Accounting point's sales agreement customer id (personal id or business identification code), Accounting point's sales agreement supplier name and id, Accounting point's metering area name and id, Distribution system operator name and id, Accounting point's sales agreement's supplier's balance responsible party name and id and balance responsibility validity (period).
  - The authorization functionality is planned to be implemented during autumn 2024
  - The authorization functionality will be described in the following documents: Electricity retail market business processes in Datahub, Datahub events, Datahub DataStandard.

# Reporting the Balance Responsibility Information

- The Balance Responsibility Information is reported by the BSP to eSett as a part of the Delivered Balancing Energy Message
  - The Delivered Balancing Energy Message shall be sent by those BSP roles and actions that are presented in slide 3
- The BSP shall also inform in the Delivered Balancing Energy Message whether the reported Balancing Energy has been delivered
  - by reserve resources in its own portfolio (i.e., the BSP acts also as the BRP / RE of the reserve resource),
  - by contractual reserve resources (i.e., the BSP acts as a Contractual BSP)
  - by reserve resources that are part of independent aggregation (i.e., the BSP acts as an Independent Aggregator)



**Reporting the information of the BRP of the  
Regulation Imbalance caused by a BSP**

# Reporting the information of the BRP of the Regulation Imbalance

- If the BSPs actions cause a Regulation Imbalance and the Regulation Imbalance is caused by contractual reserve delivery (i.e., the BSP acts as a Contractual BSP) and / or by the reserve resources in BSP's own portfolio (i.e., BSP acting also as a BRP/RE for these reserve resources), the information of the BRP of the Regulation Imbalance shall be reported by the BSP to eSett in the Delivered Balancing Energy message for each Imbalance Settlement Period in question.
  - This responsibility applies only for those BSPs that are aggregating Reserve Resources that are in the balances of more than one BRP (see slide 3)
- If the Regulation Imbalance (or a part of the Regulation Imbalance) has not been caused by the contractual reserve delivery and / or by the reserve resources in the BSP's own portfolio (i.e., BSP acting also as a BRP/RE for these reserve resources), the Regulation Imbalance (or the remaining Regulation Imbalance not reported by the BSP for any BRP) is the responsibility of the BSP under its actions as an Independent Aggregator
  - The BSP shall not report the information of the BRP of the Regulation Imbalance to eSett if the Regulation Imbalance in total has been caused by the BSPs actions as an Independent Aggregator. In this case, the BSP is financially responsible of Regulation Imbalances that it causes in the system.





# Reporting Imbalance Adjustments to the BRPs of the reserve resources

# Reporting Imbalance Adjustments to the BRPs

- If the BSP acts as an Independent Aggregator, or as a Contractual BSP or as an Open Supplier of the Reserve Resource and the BSP is activating Reserve Resources from balances of more than one BRP, eSett reports the Imbalance Adjustments to the BRPs of the Reserve Resources
  - The Imbalance Adjustments that are done to the BRP are reported in Imbalance Settlement Period, Regulation Object and BSP level
  - The Imbalance Adjustments that are done due to the operation of Independent Aggregator are also displayed to the Open Supplier (RE) of the Reserve Resource in eSett in Imbalance Settlement Period, Regulation Object and BSP level. Only its own share of the Imbalance Adjustment allocated to the BRP is visible to the Open Supplier.



**Displaying the BSP's Regulation Object to  
the BRPs and to the Open Suppliers of the  
Reserve Resources**

# Displaying the BSP's Regulation Object to the BRP and to the Open Supplier (retailer, RE) of the Reserve Resource

- The Regulation Objects that are used by the BSPs in aFRR and that are linked to the BRP(s) and Open Supplier(s) (RE) in eSett are displayed to the BRPs and to the Open Suppliers in question in eSett
  - The Regulation Objects are displayed to the BRP and to the Open Supplier in the BSP level