Minutes of Meeting of the work session on Economic optimization of the use of balancing products (13th November 2025)

Meeting	
Date	13/11/2025
Organiser	Tanguy Port

Report			
Author	Tanguy Port		
Function	Project coordinator		
Date report	14/11/2025		
Status	☒ Draft	☐ Final version	

1. Participants

The list of participants registered to this meeting is presented in the following table. Please note that the list of actual participants may differ from the list presented below. Anyone wishing to complete or correct this list is invited to provide the necessary information so that the document can be updated accordingly.

Registered participant name	Organization
Anthony De Kimpe	Yuso
Jonas Van Gompel	Centrica
Sam van Oorschot	Scholt Energy
Michaël Van Bossuyt	FEBELIEC
Nhan Nguyen	Fluvius
François Fiévet	Green Energy 4 Seasons
Hugues Dhaeyer	belli
Kevin Milis	BSTOR
Raf Hermans	EcoPower
Lionel Van Buylaere	TotalEnergies
Thijs Peirelinck	Centrica
Hilde Heylen	Sopra Steria Belgium
Hannah Hofman	TotalEnergies
Yves Langer	Smart Vision
Augustin van der Elst	Next Kraftwerke
Marijn Maenhoudt	CREG
Anca Lazarescu	RWE
Loïc DONNAY DE CASTEAU	ENGIE
Bart Pycke	Yuso
hans taverniers	AYA
Jeroen Gillis	Centrica Energy
Julien Blondeau	CREG
Jacques Cartuyvels	CREG
Jean-Francois Williame	Eneco
Sam van Oorschot	Scholt Energy

Robbert Joye	Next Kraftwerke GmbH
Lieven Willems	ODE Vlaanderen
Arif Aliyev	Yuso
Chris Celis	FEBEG
Maarten Pieck	Dexter Energy
Ruben Laleman	ENGIE - Electrabel
Sam Van Engeland	Luminus
Arthur Fieuws	Bstor
jan Fabry	Lifepowr
Tanguy Port	Elia
Nicolas Pierreux	ELIA
Caroline Bosschaerts	Elia
Thiomas Van Der Vorst	ELIA
patrik buijs	Elia
Bregt Vanderveken	ELIA

2. Agenda

1. Executive summary & implementation plan
2. Incentive objective & scope
3. Proposed work approach
4. Implemented methodologies & outcomes

3. Discussion points

1) Engie indicates that they would like to follow a proper stakeholder management process (incl. regulatory track) before implementing mFRR elastic demand. Elia clarifies that the measure is seen as a no regret but the exact way to implement it is still under discussion and will be presented during a next WG
2) Engie asks how Elia defines the minimum mFRR SA to be activated for operational safety. Elia explains that there are two cases:
   a. When there is very limited ATCs and we have to rely on our limited aFRR volume available locally
   b. When the ATCs are large but the SI is large too, there is a risk we cannot fully cover the SI with aFRR coming from abroad and we still must activate mFRR proactively
3) Eneco asks at which moment Elia makes the forecast of SI. Elia replies that we decide to activate mFRR 12' before RT so we use the SI forecast from almost one QH in advance
4) Engie concludes that while for aFRR elastic demand, the threshold is fixed at 1000€/MWh, only for non-contracted bids, here the volume and price threshold would vary based on our forecast and that this makes the process a bit more opaque. Elia confirms
5) Eneco asks what will be used to forecast aFRR. Elia replies that RT value of aFRR at the moment we decide to send (or not) mFRR will be used as a forecast, it's 12' in advance but it is already a good forecast according to the simulations.
6) Engie questions the relevance of VoAA. Engie asks to confirm how this data is defined (1st bid of MOL) and stressed that this bid can be highly unrepresentative of the market conditions because of new technologies (for instance because a BESS is in a must charge/must discharge situation). Elia clarifies that the reference to VoAA is imposed by the regulation.
7) Engie clarifies that one of the pre-requisite is to correctly forecast SI and CBMP and to its understanding it is quite difficult to forecast SI, this is the reason why Elia risks overactivations when activating mFRR. Engie indicates that they have remaining questions. Elia explains that with the current performance of our forecast we can still make significant benefits from mFRR elastic demand.

8) Engie insists on the quality of the SI forecast which could trigger overactivations. Elia clarifies that mFRR elastic demand will only be used when we have plenty of aFRR available to capture economic potential, and shares concern that it depends on SI forecast quality but supports that there is an economic potential. Elia also still needs to clarify internally how to use mFRR elastic demand, the next step will be to rediscuss it in a next Working Group session.

9) Yuso asks how often the mFRR activations of Elia lead to overshoots. Elia explains that with the Proof-of-concept Elia highly reduced the volume of mFRR which is counteractivated. Elia adds that statistically there is a tendance to underactivate mFRR compared to what Elia should have done given the real SI.

10) Yuso asks whether with the mFRR elastic demand we would keep the same trend or increase the risk of counteractivations. Elia clarifies that there is indeed a risk but this is the reason why the a principle to “limit risk of counteractivations” has been defined in the mFRR elastic demand assessment and will be considered in the determination of the mFRR elastic demand volume to be submitted. Elia mentions that we could also consider factor in the inefficiency of mFRR overactivations in the objective function.

11) Febeliec thinks it is not the right moment to start working on the arbitrage between platforms, and suggests to first evaluate the impact of the platforms when most TSOs are connected to both platforms (especially after connection of RTE on MARI). Febeliec also thinks this possibility should not be excluded in the future. Elia believes that trading between the platforms, which is not consistent with our FRR dimensioning, is currently a red line not to cross. Before allowing such possibility, it should be considered and adapted in our dimensioning and should be discussed at European level and done at the platform level, not at individual TSO level.

4. Next steps

- Final incentive report will be submitted to CREG on 19th December 2025
- The way mFRR elastic demand will be implemented will be discussed again with market parties in a next Working Group session

5. List of abbreviations

ACE	Area Control Error
ATC	Available Transfer Capacity
BRP	Balance Responsible Party
BSP	Balancing Service Provider
CBMP	Cross-Border Marginal Price
DA	Day Ahead
DR	Demand Response
EMS	Energy Management Strategy
EV	Electrical Vehicle
FRCE	Frequency restoration Control Error
HV	High Voltage
ID	Intraday
IGCC	International Grid Control Cooperation
LV	Low Voltage
mFRR DA	mFRR Direct Activation
mFRR SA	mFRR Scheduled Activation
MOL	Merit-Order List
MV	Medium Voltage
QH	Quarter Hour
RT	Real-Time
SI	System Imbalance
VoAA	Value of Avoided Activation
WG	Working Group