



Verslag inzake de noodzakelijke voorwaarden om het evenwicht in de ELIA-regelzone te verzekeren //
Rapport sur les conditions nécessaires pour assurer l'équilibre de la zone de réglage Elia

Elia ENMAN



Draft Report (Ontwerpverslag/Project de rapport)



Who are we?

Legal framework

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Electricity market
players

Transmission tariffs

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Users' Group

Public consultation -
Modifications for 2013

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Market Design

Working Group System
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THE BALANCE IN THE ELIA CONTROL AREA

Please find here the draft report on the necessary conditions to safeguard the system balance in the ELIA grid control area (in Dutch) (PDF)

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Ontwerpverslag inzake de noodzakelijke voorwaarden om het evenwicht in de ELIA-regelzone te verzekeren

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het evenwicht in de ELIA-regelzone te verzekeren

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Context



Legal obligation following art. 8 of E-Law (8/1/2012): *“établir au plus tard dans les dix-huit mois suivant l’entrée en vigueur de la loi (...) un rapport en étapes sur les conditions nécessaire à assurer l’équilibre de la zone de réglage. Après concertation avec les acteurs de marché concernés, il adresse ce rapport à la Fédération belge pour les entreprises d’électricité et de gaz, à la commission et au ministre en y déterminant explicitement les conditions de faisabilité préalables à la mise sur pied de la plateforme visée ci-dessus au point 2° du présent alinéa. »*

- the report is a legal obligation for ELIA to set-up and does not necessarily imply consensus between stakeholders. Many topics of this report have been discussed in the TF balancing and additional concertation on the document was performed by providing the stakeholders the possibility to comment on the document.”
- Published on ELIA website on July 8th
- Sent to:
 - Minister, CREG and Febeg on July 8th
 - TF Balancing members on July 9th for comments – deadline Aug 30th
- Announced during UG session of July 18th
- Comments received from Febeg, Febeliec, ODE, Anode.

Next steps:

- Publication of FR version on website ELIA for comments till 18/10.
- Presentation on next UG of Sep 26th
- Draft final report with non-anonymized comments for submission to Minister, CREG and Febeg.
- Present main comments during UG and TF Balancing for information purposes

Main messages

- Building on **conclusions** in “Study Reserves Horizon 2018”
- Focussing at **3 segments of conditions** that deliver an important contribution to safeguarding system imbalance mngt:

1. **Key role of BRPs** in managing & reducing residual imbalances
2. **Maximize diversification** of participating resources in balancing
3. **Promote cross-border** synergies in balancing (pilot projects)

Whilst

- Continuing investments in **forecasting** are crucial
- Development and active participation of **flexibility** in day ahead and intraday markets is needed
- **DSOs** need to continue efforts in smartmetering and smart profiling (SLP/SPP) thereby facilitating better forecasting by BRPs

Elements facilitating diversification...



Develop “smart support schemes” enabling VRE (wind, bio, CHP) to participate in ancillary services (FCR, aFRR) and offer flexibility for balancing

- All energy must be subject to imbalance prices
- Offshore wind : introduction of variable Feed In Premium with LCOE (“levelized cost of energy”) per wind park on mid-term
- **Loss of support in case of negative prices to be investigated at European level**
- In the long run: **evolution towards capacity based support schemes** (with availability premium) promoting full support of VRE flexibility

Obligation to:

- **Be equipped for providing ancillary services** (FCR, aFRR, voltage control) for all new units (>50MW) connected to ELIA-grid
 - **install “active stall pitching”** for offshore wind parks and allow for preventive offshore curtailment
 - **provide downward flexibility** to balancing
-
- Evolution to **short term sourcing** (-> daily) of ancillary services
 - Enable **new players** to offers ancillary services (eg aggregators) in close cooperation with DSO for flexibility connected to DSO-grid (DSM)
 - Promote **new exploitation methods for pumped storage** facilitating participation in offering ancillary services

Elements promoting crossborder synergies...

Network Code on Balancing

- Promote ID Gate Closure Time as close as possible to real time enabling maximum self-balancing at BRPs using cross-border ID liquidity
- Avoid unnecessary restrictions in sourcing reserves with foreign BSP

Promote cross-border pilot project with TenneT.

- Elia and TenneT nominated to ENTSO-e a cross border balancing pilot project called "***Design and evaluation of a harmonised reactive balancing market with XB optimisation of Frequency Restoration while keeping control areas, bid zones, and Regulatory oversight intact***". On June 25th the Market Committee accepted and approved the nomination.

Promote ELIA participation in iGCC-initiative (Phase 1) and expansion to Phase 2 as part of ENTSO-E pilot project