

EURELECTRIC's discussion input on the aFRR study

**Balancing Stakeholder Group meeting
The Hague, 13 April 2016**

Findings

- **The lower the ramp of the standard product, the larger the market**
- **Controller settings have to be harmonised and tuned to the aFRR activation philosophy with the standard product**
- **No definite conclusions on the performance (frequency stability and economics) of such a harmonised situation**

aFRR study main omissions

- **Only technical information related to aFRR possibilities (no economic figures). Not all technical info seems correct**
- **Dynamic analyses only based on existing controller settings and activation philosophy → doesn't seem to be appropriate**
- **No information whether frequency stability stays within limits in different scenarios**

More specifically

- **The report concludes that the FAT should be fast, in order to compensate the effect of the merit order on the quality of the frequency**
- **The report also relates the possibility to activate several bids at the same time, but says it is more costly**
- **This is only true for energy : if the FAT is larger, it will allow for more participation, and therefore lead to saving for the purchase of capacity**

A more elaborated techno-economic study needs to be conducted

- **Capability is not economic available capacity**
- **Controller setting tuned to merit order activation**
- **This would result in a conclusive advice on the FAT in combination with activation philosophy**