



BDRA

Belgian Demand Response Association

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Load & flexibility

- **Flexibility has value!**
 - Increasing need for flexibility (RES, ...)
 - Decreasing availability of conventional sources of flexibility
- **Load can provide flexibility**
 - In regulated market for balancing power (R1, R3)
 - In free market (day-ahead, intraday, imbalance)
 - **There's a market for all types of flexibility**

Which market?

- Choice depends on
 - Variable cost of flex
 - Availability/prior commitments
- Balancing power
 - Often higher marginal costs
 - Technical requirements: historically only for large power plants, now opening up to other tech including load
 - E.g. 2013: R3DP pilot 10MW → 2017: R3 Flex/Std 330-580 MW!
 - BidLadder as of mid-2017 for energy only bids (no prior volume commitment)
- Free market
 - Lower marginal costs
 - No technical requirements
 - Day-ahead, intraday, imbalance

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Members of the Belgian Demand Response Association:



Thank you for your attention!

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