

Infosession Load flexibility & demand response – some conclusions

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**Febeliec represents
the industrial consumers
of electricity and natural gas
in Belgium**

- Problem : increased intermittency + lack of investment in baseload generation capacity
 - DSM can be part of the solution for coping with increased volatility (US: 9% of installed capacity)
 - ... but it is not a solution for structural generation shortages
 - Febeliec insists on a voluntary approach and a fair compensation

- Demand response
 - Timing
 - Balancing (R1/R3/ICH)
 - Intraday (after day-ahead clearing)
 - Day-ahead
 - Initiative
 - Market driven (incl. through aggregators)
 - TSO driven
 - Compensation
 - Capacity remuneration
 - Energy remuneration

- New products are being developed
 - ELIA
 - Belpex (smart bids)
 - ARPs
 - aggregators
 - end consumers

- Message for consumers:
 - Your flexibility has an economic value
 - Your flexibility can contribute to Security of Supply
 - At what price will you become flexible ?
 - Can I do it myself or do I need help (e.g. aggregator) ?
 - Can we multiply DR by a factor 5 by 2016/2018 ?
- “Last” 400 MW: 13 hours / year
“Last” 1000 MW: 100 hours / year
- DR can be implemented much faster and is cheaper than building new generation facilities...

More info ?

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