03.B. TYNDP and CBA methodology
A cost efficient solution to meet peak demand : Demand Side Response

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DSR could influence the TYNDP if properly assessed

- Peak power demand is one of the main drivers for grid sizing :
- High daily demand considered in TYNDP (Riga, March 2013)

  Design Case :
  - Total growth (2013-2022): +5%
  - ***Power generation: +31%***
  - DOM&COM&IND: -2%

- But this peak demand may only last a few hours in a row
  - Like for electricity, the potential of ***voluntary Demand Side Response*** based on an incentice system needs to be assessed for natural gas
  - Could limit the amount of investments
  - Would benefit to consumers

➢ The most cost efficient solution : it cannot be ignored