AIDE-MEMOIRE: Intraday flexibility

General case

• The management of Highly Modulated Sites involves the declaration of profiles:

Key stages in profile management

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First declaration for

- Declaration made to GRTgaz, for each site, <u>before</u> 4:30 p.m. D-1, for D but also D+1 and D+2.
- This includes:
- Hourly consumption
- The planned minimum and maximum technical hourly flow rates
- Maintenance forecasts

Confirmation of overall feasibility

 GRTgaz confirms the feasibility of all profiles received

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 If GRTgaz fails to trigger a "lack of flexibility" before 8:30 p.m., the profiles included are deemed to be feasible

Schedule modification

consumption involving a quantity below the flexibility tolerance: 10% of the subscribed capacity, does not require any modification of the profile

Any change in

(3

 Beyond this, the site must give notification of a new profile within the <u>notice period</u>

Notice periods

Flexibility indicators



- GRTgaz provides sites with upwards (Q \rightarrow Q+) and downwards (Q \rightarrow Q-) flexibility indicators
- These are the same for all sites with the same geographical Mesh

with no notice period.

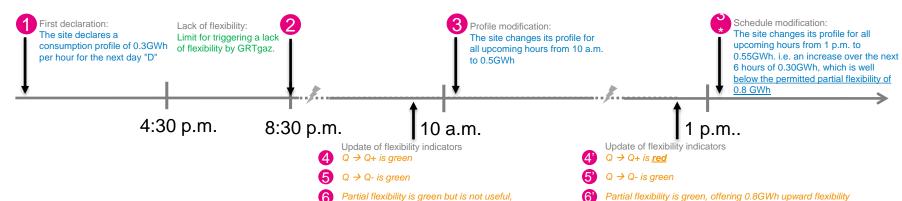
- They are updated every hour at H+52 minutes
- A green indicator means that no notice period is required before updating the schedule
- A <u>red</u> indicator means that a notice period of 6 hours must be observed between notification of the new profile and the actual change in consumption

Partial flexibility indicator



- The partial flexibility indicator only applies if the Q → Q+ indicator, associated with an increase in consumption, is red:
- In this case:
- If it is green, the site has the option to not comply with the 6-hour notice period (associated with Q → Q+ red) on condition that its <u>profile modification is less than</u> a total of 0.8 GWh over the next 6 hours.
- Otherwise, if the indicator is red or if the modification exceeds 0.8 GWh, the site must comply with the 6-hour notice period

Example:



since $Q \rightarrow Q+$ is green



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Special cases

Lack of flexibility

If GRTgaz detects a lack of flexibility on Day D, before 8:30 p.m. on Day D-1 then:

- A Profile reduction factor is communicated to all sites in the Mesh or Meshes affected by the lack of flexibility.
- It is applied according to 3 options set out in the intraday flexibility contract.
- Each highly modulated site provides GRTgaz with a modified hourly consumption Profile, with an hourly flow rate that complies with the amendments requested by GRTgaz.
- This Profile can no longer be modified for the rest of the gas day.

Consumption uncertainty

The highly modulated site notifies GRTgaz of this uncertainty in order to agree on measures to be taken.

The latest Profile communicated by the customer prior to the consumption uncertainty remains in force:

- If the customer is in a position to go back to that Profile within 2 Hours, the normal provisions apply with a notice period equal to zero.
- If the Customer is not in a position to go back to that Profile within 2 Hours, then the Customer will contact GRTgaz prior to the expiry of the deadline and indicate that this is not possible. The customer and GRTgaz meet to define the provisions to be adopted and the notice period applicable at the end of the aforementioned deadline.