

CRM – feedback Fluvius

Presentation at Taskforce CRM

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fluvius.



Feedback on

- Prequalification
- De-rating
- Capacity reservation
- Physical grid constraints



Prequalification



Connection contract (positive grid study) is a precondition for CRM prequalification

- Avoid parallel circuit of capacity reservation
- Avoid potential misuse to get priority access

Suggested minimum threshold for participation: 1 MW

- Monitoring and control: all installations > 1 MW on the distribution grid have telecontrol

We envisage a (modified) NFS approach for CRM prequalification

- Similarities with flex prequalification
- But modification required: NFS on all (mandatory) prequalified production would lead to many congested areas → need assumptions on expected auction results

De-rating



We suggest a separate de-rating factor for Gtrad and Gflex capacity

- Gflex is usually available but not guaranteed at all times
- Level of detail to be determined: Gflex(N), Gflex(N-1), ...

De-rating factor should take into account modulation

- Modulation can occur due to congestion at TS level or grid reconfiguration by DSO
- Modulation leads to lower expected availability during (near)scarcity periods

De-rating of aggregated portfolio

- Risk of strong de-rating to cater for all possible combinations of technology

Capacity reservation



We are considering asking compensation for capacity reservation

- Wallonia: unlimited capacity reservation but with compensation
- Current TRD: capacity reservation during offer (6 months) and 2 years from offer acceptance
- Compensation mechanism still to be determined

We need to further detail the approach for aggregated portfolio

- Potential for large inefficiency (e.g. portfolio of 10 1MW installations participating for 5 MW in CRM)
- Consequence of not bidding? Consequence of not being selected?

We recommend re-evaluation of capacity reservation at TS level (CAPAC advice)

- Delegation of decision to DSO would allow taking into account specific DSO grid situation

Physical grid constraints



Need way to integrate forecast grid constraints/traffic lights in auction and secondary market

- (Expected) modulation will impact de-rating factor
- Modulation will be higher if forecasted grid constraints/traffic lights are not taken into account
- Higher de-rating means less capacity available for CRM and higher auction price