

Meeting report

MEETING 10th Fine Tuning workshop iCAROS – focus on Manual on Energy Bidding for Redispatching	
Date	25/03/2021
Organiser	Elia implementation project iCAROS

PARTICIPANTS				
1	Bruninx	Jolien	BASF	
2	Canière	Hugo	Belgian Offshore Platform	
3	Chafaqi	Laila	Luminus	
4	Donnay de Casteau	Loic	Engie	
5			eZ-nergy	
6	Harlem	Steven	Luminus	
7	Lazarescu	Anca Manuela	RWE	
8	Maenhoudt	Marijn	CREG	
9	Meynckens	Geert	Centrica	
10	Stubbe	Gerald	ENGIE – GEM - IT	
11	Van Bossuyt	Michaël	Febeliec	
12	Van Bruwaene	Mattijs	Luminus	
13	Van de Burgt	Leon	RWE Supply & Trading	
14	Van Nuffel	Margot	Otary	
15	Verrydt	Eric	BASF	

16	VM	Léa		
17	Waignier	Jean-François	Febeg	
18	Wiesé	Nadia	Next-Kraftwerke	
19	Ziegenhan	Alex	RWE Supply & Trading	
PARTICIPANTS – ELIA				
1. Ruben Buysse				
2. Benjamin De Vis				
3. Raphaël Dufour				
4. Amandine Leroux				
5. Arno Motté				
6. Steven Tassignon				
7. Anna Tsiokanos				
8. Arnout Van Bruwaene				
9. Viviane Illegems				

1. AGENDA

- Introduction
- Manual on Energy Bidding for Redispatching

2. REPORT

The agenda of the workshop is presented. Followed by a presentation of Elia of the Manual on Energy Bidding for Redispatching

The following responses were collected during the meeting:

- It is asked, whether information regarding energy bidding for redispatching need to be exchange at Technical Unit level or Operating Mode level. Elia replies that for energy bidding for redispatching the data exchange is done at Operating Mode level through the indication of the relevant delivery points in the bid.
- It is asked, what the implications are if the assumed linear ramping is not followed. Elia clarifies that the ramping up and down outside the activated period are not considered in the remuneration, activation control and BRP perimeter correction. No correction for the BRP perimeter is done for this ramping outside the activation period. The ramping in the activation period is taken into account in the activation control to assess whether the requested energy for redispatching was delivered.
- It is asked what to do if part of the flexibility is also offered for mFRR energy bidding. Elia replies that in this case the following suggestion could be followed "If part but not all the flexibility is available within a FAT of 12,5 min, this flexibility could also be offered via several different bids with a FAT of 12,5min that are linked via Qh linking" for a simple divisible bid with longer Full Activation Time.
- It is asked whether there is minimum activation time given that some units can not be activated for one QH. It is indicated that some CCGTs need to remain 8 hours

on if started up. Elia replies that such feature is currently not foreseen.

Redispatching activations are in general not for a QH. Given that redispatching activation are at the moment only decided nationally, a longer period of multiple QH will be activated at once and not QH per QH. For instance let us assume a redispatching activation of 3 hours and the suggested case of a minimum on time of 8 hours. The SA will need to amend his schedule for the 5 hours following on the 3 hours of activation to reflect this and will need to update his redispatching energy bids accordingly e.g. by eliminating the redispatching energy bids that are technically not feasible during this period namely the bids corresponding to a reduction of power output. [out of the meeting : Some clarifications when does an SA should update its schedules or redispatching energy bids

- If the SA updates its schedule for a given period, he has to update its RD energy bids for the same period.
- If Elia activates a RD energy bid for a given period, the SA needs to update its RD energy bids for the qhs following the activation period and IF necessary (for instance due to energy limitation that has changed due to the bid activated by Elia; technical impossibilities to start-up or shut down in a short period after the activation etc) to avoid unfeasible activation.
- It is asked whether Elia could give an example for a start-up for a full day / 96 QHs. Elia replies they will consider this request.
- It is asked to explain how the neutralization period should be viewed. Elia replies that this is the gate closure time (GCT) for updating schedules and bids for the SA. 45 minutes before real time is the last moment that the SA can update his schedules and redispatching energy bids associated with this schedule.
- It is asked to reflect whether the GCT will allow to quickly adapt the schedule? Elia replies that the schedule only needs to be adapted by the SA if this is needed due to action of the SA itself NOT if Elia activates a redispatching energy bid or an energy bid for balancing.
- It is asked how many QH can be linked? Elia replies that 3 QH can be linked. This number is sufficient given that later QH fall outside of the neutralization period of 45 minutes and as such can be amended by the SA if needed.
- It is asked, given that redispatching activations are location dependent and that the number of units that can solve the problem in a particular situation will be limited, how technical limitation that can not be reflected with the current parameters can be entered. Elia replies that the SA can reflect these technical constraints by not offering redispatching energy bids if not technically possible. Elia also indicates that if after the go-live a need would be detected it can be decided to include an additional parameter.
- It is indicated that the additional parameter of Maximum Activation Time is useful for the bidding linked to Limited Energy Sources (LER) such as batteries and pump storages.
- It is asked how to ensure bidding coherency between mFRR and redispatching. Elia replies that the concepts are aligned as much as possible and that only small differences exist that are indicated in the manual (for instance a RD energy bid can belong to multiple exclusive groups while this is not permitted for mFRR energy bidding). Elia proposes to clarify further in a bilateral call if needed after reviewing the manual for energy bidding for mFRR and redispatching and the overview of the iCAROS design phase1.
- It is asked how a COGEN could reflect its technical inflexibility given the limited linking of QHs. Elia replies that the SA can update its redispatching energy bids after the neutralization time as such linkage of 3 QHs is deemed as sufficient given

after this time the SA can review all his bids if needed because he can no longer offer the technical flexibility.

Additional feedback, comments and suggestions can be sent to

iCAROS Program Manager
Viviane Illegems

Design architect outage planning, scheduling, redispatching
Caroline Bosschaerts & Raphaël Dufour

KAM Energy
Amandine Leroux / Arno Motté

3. DATE FOR NEXT MEETING

Technical oriented **joint mFRR- iCAROS Workshops [participation of IT technical profiles is requested and highly recommended]**

1. **Thursday June 3, 2021**, starting at **9h30** : focus on technical guides