

8 September 2021

Procurement of automatic Frequency Restoration Reserve (aFRR) in Q4/2021 (weeks 40-52)

The Nordic TSOs have decided to increase the current aFRR procurement with 6 hours during weekends (hour 11-13) and increase volume on down-regulation in weekday evenings (hour 22-24) in Q4/2021. The total volume is approximately 300 MW in most hours and approximately 400 MW in morning hours during weekdays. In the late evening hours, down-regulation is also approximately 400 MW.

The basis for the procurement is the agreed goal for frequency quality level and the TSOs will continue to procure aFRR in hours where the system balancing is most challenging.

Starting from Monday 4 October 2021, aFRR will be procured as detailed below in Central European Time (CET):

aFRR - Nordic Procurement Volumes (MW) per hour - 2021-Q4																
			Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
From	To	Hour	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
00:00	01:00	1	300	300	300	300	300	300	300	300	300	300	300	300	300	300
01:00	02:00	2														
02:00	03:00	3														
03:00	04:00	4														
04:00	05:00	5														
05:00	06:00	6	400	400	400	400	400	400	400	400	400					
06:00	07:00	7	400	400	400	400	400	400	400	400	400					
07:00	08:00	8	400	400	400	400	400	400	400	400	400	300	300	300	300	
08:00	09:00	9	400	400	400	400	400	400	400	400	400	300	300	300	300	
09:00	10:00	10	300	300	300	300	300	300	300	300	300	300	300	300	300	300
10:00	11:00	11	300	300	300	300	300	300	300	300	300	300	300	300	300	300
11:00	12:00	12											300	300	300	300
12:00	13:00	13											300	300	300	300
13:00	14:00	14	300	300	300	300	300	300	300	300	300					
14:00	15:00	15	300	300	300	300	300	300	300	300	300					
15:00	16:00	16	300	300	300	300	300	300	300	300	300					
16:00	17:00	17	300	300	300	300	300	300	300	300	300	300	300	300	300	300
17:00	18:00	18	300	300	300	300	300	300	300	300	300	300	300	300	300	300
18:00	19:00	19	300	300	300	300	300	300	300	300	300	300	300	300	300	300
19:00	20:00	20	300	300	300	300	300	300	300	300	300	300	300	300	300	300
20:00	21:00	21	300	300	300	300	300	300	300	300	300	300	300	300	300	300
21:00	22:00	22	300	400	300	400	300	400	300	400	300	400	300	300	300	300
22:00	23:00	23	300	400	300	400	300	400	300	400	300	400	300	300	300	300
23:00	00:00	24	300	400	300	400	300	400	300	400	300	400	300	300	300	300
Hours/day:			18	18	18	18	18	18	18	18	18	18	15	15	15	15

Table: Detailed aFRR procurement scheme for Q4/2021.

The TSOs reassess the procurement scheme continuously based on the frequency quality and possible changes in the procurement scheme will be informed in advance.

Information about the procurement for Q1/2022 will follow in December 2021.



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