



9 December 2022

Procurement of automatic Frequency Restoration Reserve (aFRR) in Q1/2023 (weeks 1-13)

The Nordic TSOs have decided to keep the current aFRR procurement schedule unchanged for Q1/2023. This means aFRR will be procured for hour 1 and hours 6-24 all days of the week, with a total volume of 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 the hours where the system balancing is most challenging.

Starting from Monday 2 January 2023, aFRR will be procured as detailed below in Central European Time (CET):

aFRR- Nordic Volumes (MW) per hour – Q1/2023																
			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	400	300	300	300	300
06:00	07:00	7	400	400	400	400	400	400	400	400	400	400	300	300	300	300
07:00	08:00	8	400	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	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	300	300	300	300	300	300	300	300	300	300
12:00	13:00	13	300	300	300	300	300	300	300	300	300	300	300	300	300	300
13:00	14:00	14	300	300	300	300	300	300	300	300	300	300	300	300	300	300
14:00	15:00	15	300	300	300	300	300	300	300	300	300	300	300	300	300	300
15:00	16:00	16	300	300	300	300	300	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:			20	20	20	20	20	20	20	20	20	20	20	20	20	20

Table: Detailed aFRR procurement scheme for Q1/2023.

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 Q2/2023 will follow in March 2023.

For further information, please contact: Kaj Christensen, Energinet.dk, +45 23 33 85 03, Anders Lundberg, Fingrid, +358 30 395 4171, Gunnar Nilssen, Statnett, +47 23 90 32 38, Mikael Winai, Svenska kraftnät, +46 10 475 87 97