Nordic CCM SH Meeting – meeting minutes

March 14, 2024, 9.00-10.03 CET

MS Teams

Participants	
Total participation: 54	

The presentation has been uploaded on the Nordic RCC website: https://nordic-rcc.net/flow-based/documents-presentations/

Text in non-italics are comments, statements, questions or claims from the stakeholder(s).
Text in italics are answers or comments provided by the Nordic CCM project.

SH question: You mentioned that the shadow prices are unrealistically high. I don't understand why they do not impact the market solution.
CCM project: the capacity of a CNEC is fully used when there is a non-zero shadow price. However, for this case or CNEC, there is an opposite constraint on the ramping with a negative shadow price. So, the impact of its own positive shadow price and that of the negative shadow price of the ramping constraint cancel out each other. The table in the presentation only covers the positive shadow price information of CNECs.

SH question: where can the SHs find the shadow price information?
CCM project: On the NRCC website under the Flow-Based section and Simulation Results subsection: https://nordic-rcc.net/flow-based/simulation-results/. For each week, the shadow price information is captured in the 'Grid Constraint Matrix week X' csv file, where X is the week number.

SH question: for the anonymized Swedish CNECs, if they are summarized over a week in the limiting CNEC table, the identifiers (i.e. the outcome of the anonymization) is not stable. Is the overview with shadow prices representative for what SH can see?
CCM project: Indeed, the anonymization changes every day. In other words, the same Swedish CNEC has two different anonymized identifiers from two days.
TSO feedback after the SH event: The results shown in the limiting CNEC table are summarized for the same CNEC for the period, so stakeholders will not see the same if they aggregate the shadow price in the GC-matrix.

SH question: A question about the simulation results published. My question is about the simulated allocated flow for NTC. If we take an example for 2024-01-15 MTU 22, the flow in SE2_SE3 says 7814, how is this possible?
CCM project: we will get back to you on this.
TSO feedback after the SH event: It is important to consider that there is a difference between the NTC AAF_flow and NTC SEC flow (scheduled exchange). The AAF flow is calculated by multiplying the net positions from the NTC results areas by the PTDFs used in FB. Previous experience shows that the result for the specific hour would be manageable operationally but would not be a feasible market result considering all required margins. Therefore, remedial actions would have been considered if such a result was received. The scheduled exchange for the hour was 7300 MW. The scheduled exchange (NTC SEC flow) is calculated with an algorithm and does not have information about the network model for the next day as is the case for F_AAF. When comparing to the actual observed flows for the hour in question, we see that these are more in line with F_AAF, specifically for corridors SE2-SE3, SE2-NO3 and NO2-NO5. This also shows that with Flowbased the market flows are expected to be more in line with observed flows.

SH question: Also about the simulation results. In the Scheduled Exchange, for NTC, seems like there is wrong values for NO1_NO2, for example for 2024-02-08 MTU 17, the NTC values says up to 6500 MW. If one looks at published data in NP website, we see completely different values. (or maybe I am interpreting this data wrong?)
CCM project: In the presentation it was stated that we will get back to you on this.
TSO feedback after the SH event: There was a mistake in the published data for border NO2-NO1. The data published was the flow between NO1A-NO1 instead of NO1A-NO2. This has been corrected on the 14/3 2023 on the website. Thank you for letting us know!

SH question: About the ATCE results, we noticed that the ATCE results have been missing the following connections since W33 are missing in the ATCE files:
- NO1A-NO1
- NO1A-NO2
- NO1A-NO5
- NO1-NO1A
- NO2-NO1A
- NO5-NO1A

We don't see either a potential replacement, for example NO1-NO2 or NO1-NO5. It just seems like the NO1A connections are gone from the files.
CCM project: we will get back to you on this.

As there were no further questions, the meeting closed around 10.03 CET. All participants are thanked for their inputs!