

Transmission & elmarknad
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INFORMATION

Correction of asymmetric NTC capacities and increase of capacity on DK1 and SE3 (Konti-Skan)

This information relates to a correction of asymmetric NTC capacities currently applied to the cross-zonal market coupling interconnection between DK1 and SE3 (Konti-Skan) operated by Svenska kraftnät and Energinet.

As can be seen below, the NTC capacities currently offered to the market are asymmetric.

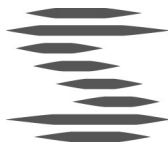
Max NTC in the direction SE3->DK1 is currently set to 680 MW (measured at the importing side in DK1).

Max NTC in the direction DK1->SE3 is currently set to 740 MW (measured at the exporting side in DK1).

The reason behind this difference is due to two reasons;

- First of all, settlement of grid losses has been based on metering applied in Vester Hassing, Denmark, for both directions. As a result, the NTC capacities of the Konti-Skan offered to the market coupling for the export from DK1 to SE3 has been based on measurements on the exporting side showing a higher NTC than what would be available to the market coupling in SE3.
- Secondly a security limitation in the exporting direction from SE3 to DK1 has been applied due to historical limitations in the electric grid and reserve requirements in DK1.

Energinet and Svenska kraftnät have jointly assessed these limitations and irregularities and agreed to correct the asymmetric NTCs in two steps.



First step;

Will be taken by increasing the capacity in the direction SE3->DK1 by October 1st 2019, motivated by the fact that the historic need to limit the import to DK1 for reserve capacity reasons has become outdated.

After the increase, the following NTCs will be offered to the market;

Max NTC in direction SE3->DK1 will be set to 715 MW (measured at the importing side in DK1).

Max NTC in direction DK1->SE3 will remain set to 740 MW (as measured at the exporting side in DK1).

Second step;

Will be taken by changing the metering to accommodate symmetrical metering by February 1st 2020.

With this change, the NTC capacity available for export from DK1 to SE3 will be based on the power possible to receive at the importing side of SE3 – likewise how the export from SE3 to DK1 is also measured today.

This will reflect a symmetrical capacity available in both directions in the market coupling.

After this change, the following NTCs will be offered to the market;

Max NTC in direction SE3->DK1 will be set to 715 MW (measured at the importing side in DK1).

Max NTC in direction DK1->SE3 will be set to 715 MW (measured at the importing side in SE3).

Summary

- > By these changes, symmetrically NTCs measured at the importing sides will reflect what is available in the market coupling without limitations due to transmission losses and any capacity reserve margins.