MARKET COUPLING
TSOs

Overview of Allocation Constraints in SIDC

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Allocation constraints: The constraints to be respected during capacity allocation to maintain the transmission system within operational security limits and have not been translated into cross-zonal capacity or that are needed to increase the efficiency of capacity allocation.

The calculation of the allocation constraints is a TSO task, in line with CACM *(COMMISSION REGULATION (EU) 2015/1222 of 24 July 2015, establishing a guideline on capacity allocation and congestion management).*

SIDC – European TSOs Allocation Constraints Overview (2025)

Hourly Flow Ramping on Individual Lines

- SE3A <-> DK1A (Konti-Skan), limit 600MW
- NO2 <-> DK1A (Skagerrak), limit 450MW
- NL <-> DK1A (COBRA Cable), limit 700MW
- NO2A <-> NL (NorNed), limit 310MW
- NO2A <-> DE (NordLink), limit 600MW
- DE <-> DK2 (Kontek), limit 600MW
- DK1A <-> DK1, limit 1200MW

- FI <-> SE3 (Fennoskan) limit 600 MW
- SE4 <-> PL (SwePol), limit 300MW
- FI <-> EE (Estlink), limit 600MW
- DK1A <-> DK2 (Storebelt), limit 600MW
- LT <-> SE4 (NordBalt), limit 600MW
- LT <-> PL (LitPol), limit 600MW
- NO2A <-> NO2 (Virtual area), limit 900MW

Virtual Areas limiting the total of allocation on a set of borders

- All PL borders (via PLC-PL): PLC <-> SE4, PLC <-> PSE, PLC <-> LT, 50Hz <-> PLC, CEPS <-> PLC, SEPS <-> PLC
- Set of NO2 borders (via NO2A-NO2): NO2A <-> TTN, NO2A <-> TTG
- Set of DK1 borders (via DK1A-DK1): DK1A <-> NO2, DK1A <-> SE3
- Set of SE3 borders (via SE3A-SE3): SE3A<->NO1, SE3A<->DK1A

Allocation Constraints on Line Sets

- FR to IT flow + AT to IT flow + SI to IT flow – (IT to FR flow + IT to AT flow + IT to SL flow) <= AC

TSOs with Allocation Constraints

https://www.tennet.eu/

https://energinet.dk/

https://www.statnett.no/

https://www.svk.se/

https://www.pse.pl/home

https://www.fingrid.fi/

https://elering.ee/en

https://www.litgrid.eu/

https://www.terna.it/en

https://www.elia.be/

Operational data on allocation constraints is centrally available via the ENTSO-E Transparency website

Cross Border Capacity of DC Links - Intraday Transfer Limits