



MARKET COUPLING TSOs

Overview of Allocation Constraints in SDAC





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*).

SDAC – European TSOs Allocation Constraints Overview (2025)



Hourly Flow Ramping on Individual Lines

- NL <-> DK1_CO (COBRA Cable), limit 700 MW
- NO2_ND <-> NL (NorNed), limit 310MW, losses 3,2%
- NO2_NK <-> DE (NordLink), limit 600MW, losses 3,1%
- DE <-> DK2_KO (Kontek), limit 600 MW
- SE4_SP <-> PL (SwePol), limit 300 MW
- NO2_SK <-> DK1_SK (Skagerrak), limit 450 MW, losses 2,9%
- DK1_KS <-> SE3_KS (Konti-Skan), limit 600 MW
- SE4_BC <-> DE (Baltic Cable), limit 600MW, losses 2,4%
- FI_EL <-> EE (Estlink), limit 600 MW
- FI <-> SE3 (Fennoskan), limit 600 MW
- LT <-> SE4_NB (NordBalt), limit 600 MW
- LT <-> PL (LitPol), limit 600 MW
- DK1_SB <-> DK2_SB (Storebelt), limit 600 MW

Hourly Flow Ramping Limit on Line Sets

- NO2A Line set ramping: NO2<->NL, NO2<->DE, limit 900 MW

Net Position Allocation Constraints

- PL

Allocation Constraints on Line Sets

- $FR \text{ to IT flow} + AT \text{ to IT flow} + SI \text{ to IT flow} - (IT \text{ to FR flow} + IT \text{ to AT flow} + IT \text{ to SL flow}) \leq AC$



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.50hertz.com/en>

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

Cross Border Capacity of DC Links - Ramping Restrictions