

## Annex 1: Reduction of the TenneT Guaranteed Hourly NTC due to planned and unplanned outages

TenneT's transmission network North of Hamburg in Schleswig-Holstein is not meshed. Therefore, in case of a failure of a line, no alternative supply can be made available. TenneT therefore identifies below the lines, which are crucial for transmitting electricity across the DE-DK1 Border and consequently the failure of which would have significant effect on TenneT's ability to make the capacity on the DE-DK1 Border available.

Exceptional cases within the meaning of Paragraph 38 (i) of the Commitments therefore corresponds to situations where one of the lines listed below is not available due to unplanned outages (i.e. incident), or construction or maintenance work.

The Dollern-Wilster line will be part of the list below only until the middle of 2019, when the upgrade of the line Hamburg-Nord to Stade from 220kV to 380kV is planned to be completed.

Relevant lines for the TenneT Guaranteed Hourly NTC
Jardelund – Kassö (EnDK) (380kV)
Flensburg – Kassö (EnDK) (220kV)
Flensburg – Ensted (EnDK) (220kV)
Audorf – Jardelund (380kV)
Audorf – Flensburg (220kV)
Hamburg/N – Audorf (380kV)
Wilster – Audorf (380kV)
Dollern – Wilster (380kV) (until mid 2019)

All outages, planned and unplanned, are published on the TenneT Homepage (<http://www.tennetso.de/site/de/Transparenz/veroeffentlichungen/berichte-service/marktrelevante-informationen>). While planned outages are made public in the autumn of the preceding year, unplanned outages are made public no later than one hour after occurrence.

In the exceptional cases where one of the lines listed below is not available, TenneT may, after a careful analysis of the situation, reduce the TenneT Guaranteed Hourly NTC to what is necessary and proportional to comply with safety standards of secure network in accordance with Paragraph 38 (i) of the Commitments.

However, even in these exceptional cases the TenneT Guaranteed Hourly NTC shall not be lower than 500 MW.