



PRINCIPLES FOR THE SAFE STORAGE LEVEL

The safe storage level is a calculation of the minimal need for gas in the Danish gas storages facilities for the market to be able to supply Danish and Swedish consumption in case of a cold period in the remaining storage season. The calculation is based on Energinet's basic assumptions for supply and demand.

Maximum supply in Ellund is defined as the maximum possible inflow in Ellund to the Danish transmission system. The capacity is limited by lesser of German exit and Danish entry capacity

Basic assumptions behind calculation of the SSL:

- Maximum supply in Ellund to the Danish system for the rest of the storage year.
- Biogas production increases as forecasted
- Delivery from the South Arne pipeline remains at the present level
- The temperature in Denmark will follow the same statistical behavior as the past 30 years
- The consumption is a function of the temperature based on data from 2016 to 2018 (3 years)
- Consumption in a cold year in Denmark and Sweden is based on consumption figures in 2018
- No technical incidents occurring affecting the supply

SSL on the day DD.MMM.YYYY is:

The Danish and Swedish consumption in case of a cold period **in the remaining storage season**

Minus

The accumulated maximum supply **in the remaining storage season**

A "cold period" corresponds to the coldest period you will find in 20 years.

Example: The date is 15 January. Rest of the remaining storage-year is 105 days (from 15 January to 30 April).

Take the same 105 days every year in 20 years. The coldest corresponding 105 days in same year is a "cold period".