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Security of gas supply platform



Regulatory background (general)

- The EU and its Member States are continuing to work on measures to enhance security of gas supply.
- The aim is, among other things, for EU Member States to provide support and solidarity to each other to protect particularly vulnerable customer groups from the effects of extreme gas shortages in the event of a crisis.
- As part of European crisis preparedness ((EU) Regulation 2017/1938, also known as SoS Regulation), Germany has already concluded bilateral solidarity agreements (Denmark, Austria). Further agreements with neighbouring EU Member States are being negotiated.
- In Germany, the solidarity mechanisms are to be integrated into the context of national crisis management according to the Energy Security Act (EnSiG) and the Ordinance on the Security of Gas Supply in the Event of a Supply Crisis (GasSV).
- The Federal Ministry of Economics, BNetzA as the federal load dispatcher and THE as the market area manager are currently developing a platform for entering and calling market-based offers and for handling state obligations in a solidarity situation.
- The platform is also to be used in a national gas shortage situation (EnSiG).

Data survey

- The federal network agency (BnetzA) on 21.04.2022 has launched a survey of network operators in the THE market area.
- Network operators should upload an online survey form provided by THE.
- Following data is requested for connection capacity ≥ 10 MWh/h
 - **mandatory fields** : Malo-ID, Market master data register number, address, telephone and fax,number
- The survey started 21.04.-28.04.2022
- The survey of the network operators is a preliminary stage for as survey of german end consumers with a connection capacity of 10 MWh/h or more.
- The results enable the BnetzA to assess the consequences of measures for the affected end consumers and society in the best possible way.

https://www.bundesnetzagentur.de/DE/Fachthemen/ElektrizitaetundGas/Versorgungssicherheit/Krisenmanagement_Krisenvorsorge/start.html

Scope, purpose and operation of the platform

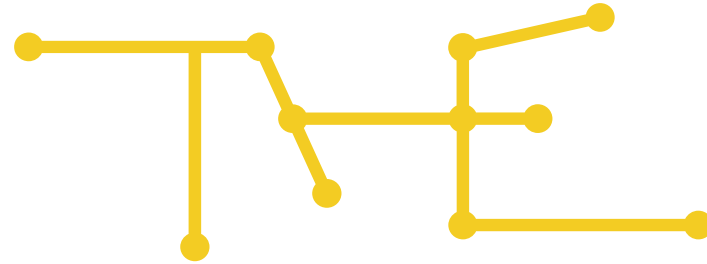
- Forms of online platform use:
 - **Scenario 1:** Procurement of gas quantities in a national gas shortage situation.
 - **Scenario 2:** Procurement of gas quantities on the basis of market-based offers at the request of Member States (affiliated with Germany).
 - **Scenario 3:** Non-market-based procurement of gas quantities upon request from Member States (connected with Germany).
- The purpose of the online platform is to make market-based offers and handle state obligations in a solidarity or crisis situation.
 - Identify and procure gas quantities in a national gas shortage situation quickly, effectively and with the least possible impact (Scenario 1).
 - The envisaged staged approach requires Member States to first exhaust all market-based and other measures provided for in the emergency plan (Scenario 2); only then can Member States connected via pipelines request non-market-based solidarity offers (Scenario 3).
- The online platform operated by THE.

Platform functionalities

The platform will include the following functionalities (rough description) to handle the processes:

- **Registration of end users ≥ 10 MW and balancing group managers.**
- **Data entries of the end users (to identify disconnection parameters) and balancing group managers (to identify further gas quantities available for the supply of protected customers)**
- **Allocation of end users via the market location (ID) to balancing groups / subordinate balancing groups and networks**
- **Implementation of a logic to identify the possible disconnection sequence of the final consumers and quantity call-off by the federal load dispatcher (Scenarios 1 and 3)**
 - Dispatch of orders by the federal load dispatcher to end users (to disconnect gas supply) as well as to balancing group managers to whose balancing groups / subordinate balancing groups the end users' exit points are assigned (to maintain gas input)
- **Implementation of a decision logic for volume calls by Member State(s) (Scenario 2)**
 - Call-off is by Member State(s) both directly and as part of a contractual relationship with the suppliers

There will be another workshop on the security of gas supply platform in September 2022.



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Trading Hub Europe GmbH

Hauptsitz:
Kaiserswerther Straße 115
40880 Ratingen

Standort Berlin:
Anna-Louisa-Karsch-Straße 2
10178 Berlin

www.tradinghub.eu

Geschäftsführer

Dr. Thomas Becker, Jörg Ehmke,
Torsten Frank, Dr. Sebastian Kemper

Amtsgericht Düsseldorf, HRB 93885

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