



Balancing gas and balancing gas management of THE

Knowledge that helps you move forward

Agenda

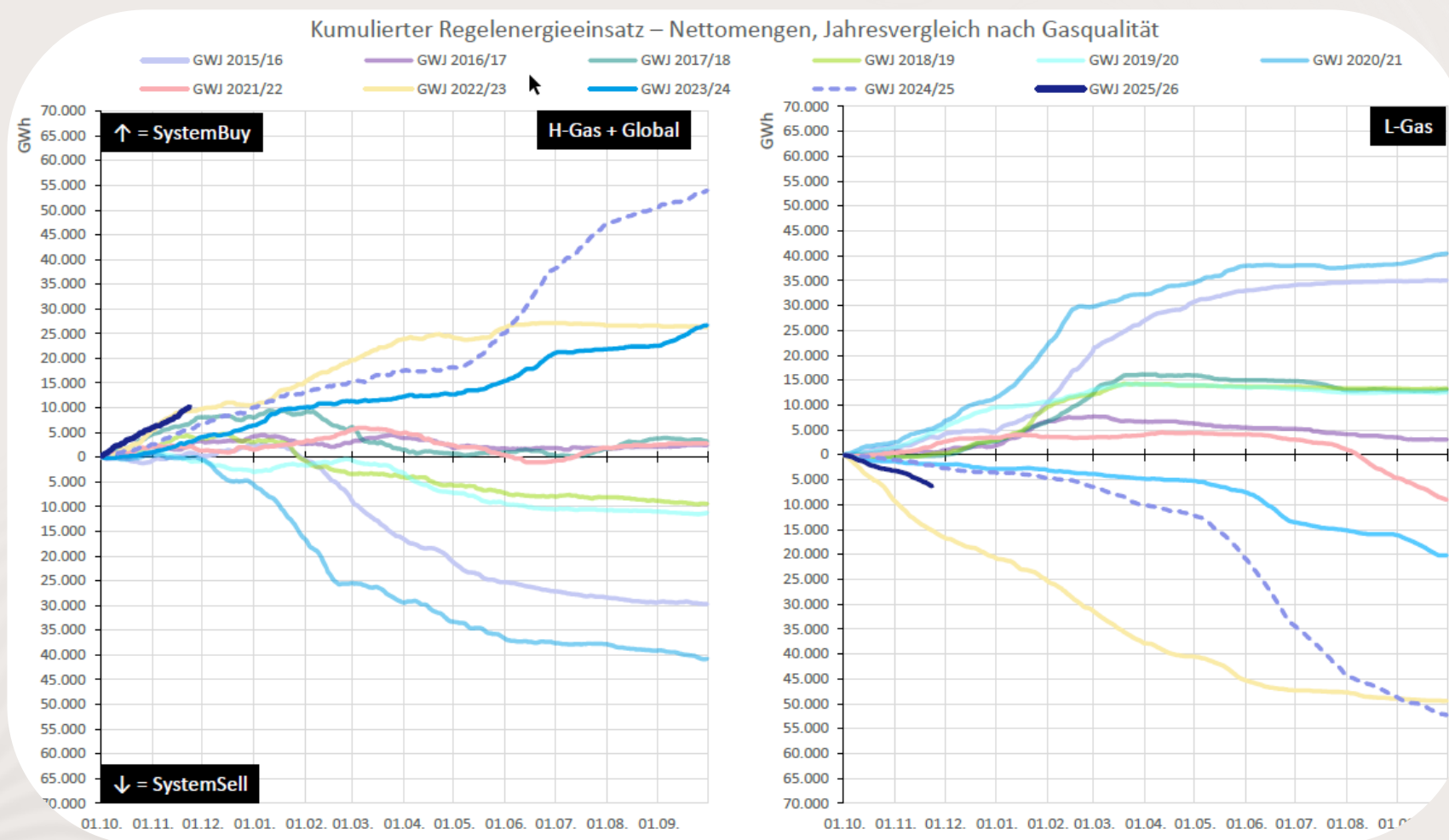
1. General information on balancing gas
2. How we balance the market area
3. Publications and useful information on our website



General information on balancing gas

Cumulative balancing gas input

Net volumes, year-on-year comparison by gas quality



General information on the topic of balancing gas

Balancing gas describes the quantities of gas that are used to physically compensate for grid stability

- If the gas network is "too empty", the required quantities of gas are procured
- If the gas network is "too full", necessary gas quantities are sold

How is balancing gas generated?

- Imbalances in balancing groups
- Imbalances in network accounts
- Conversion

In the Gabi Gas Regime, the MGM coordinates and controls the use of balancing gas

- According to Gabi Gas, the MGM is solely responsible for the physical balancing of the networks of the market area
- Physical balancing is achieved through the use of balancing gas
- In principle, internal and external control energy is available
- Primarily internal balancing gas is used, only if this is not sufficient external balancing gas is used



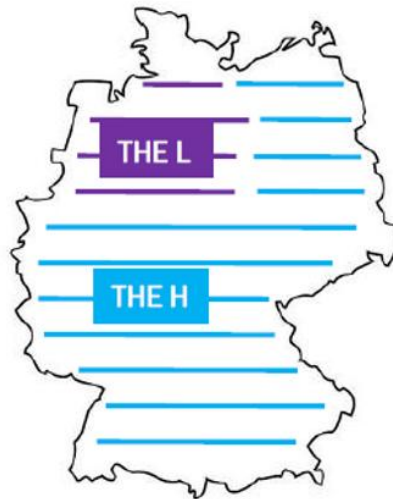
Division of the market area into areas and zones

- For the settlement of Balancing Gas and MBI, the THE market area is divided into areas and zones
- A list with the physical allocation of all entry and exit points at TSO level has been published

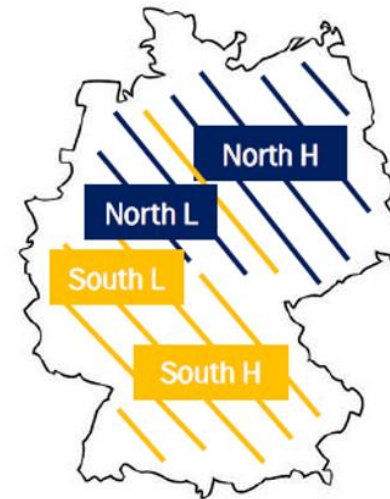
1 Marktgebiet
(MOL 1)



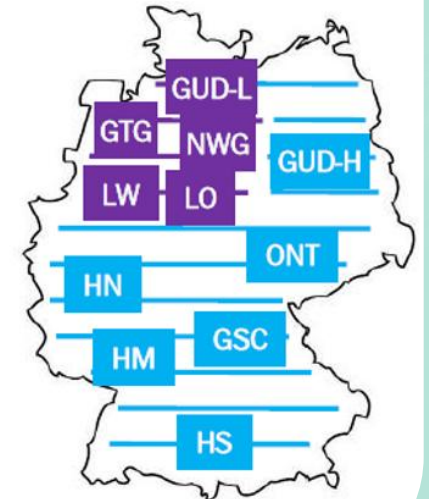
2 Gasbeschaffheitszonen
(MOL 2)



4 RE-Gebiete
(MOL 2 (local) / MBI Spread)



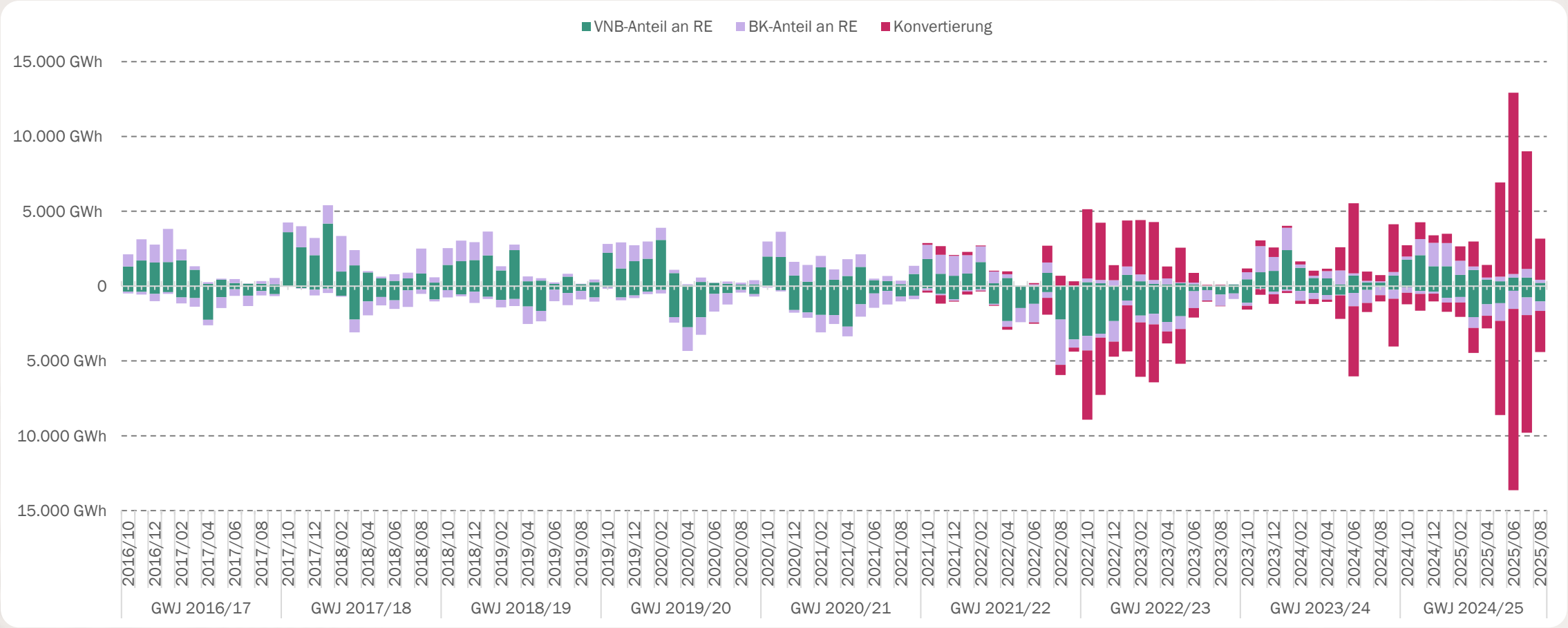
12 RE-Zonen
(MOL 4*)



* Im L-Gas teilweise auch MOL 2

Balancing gas causation

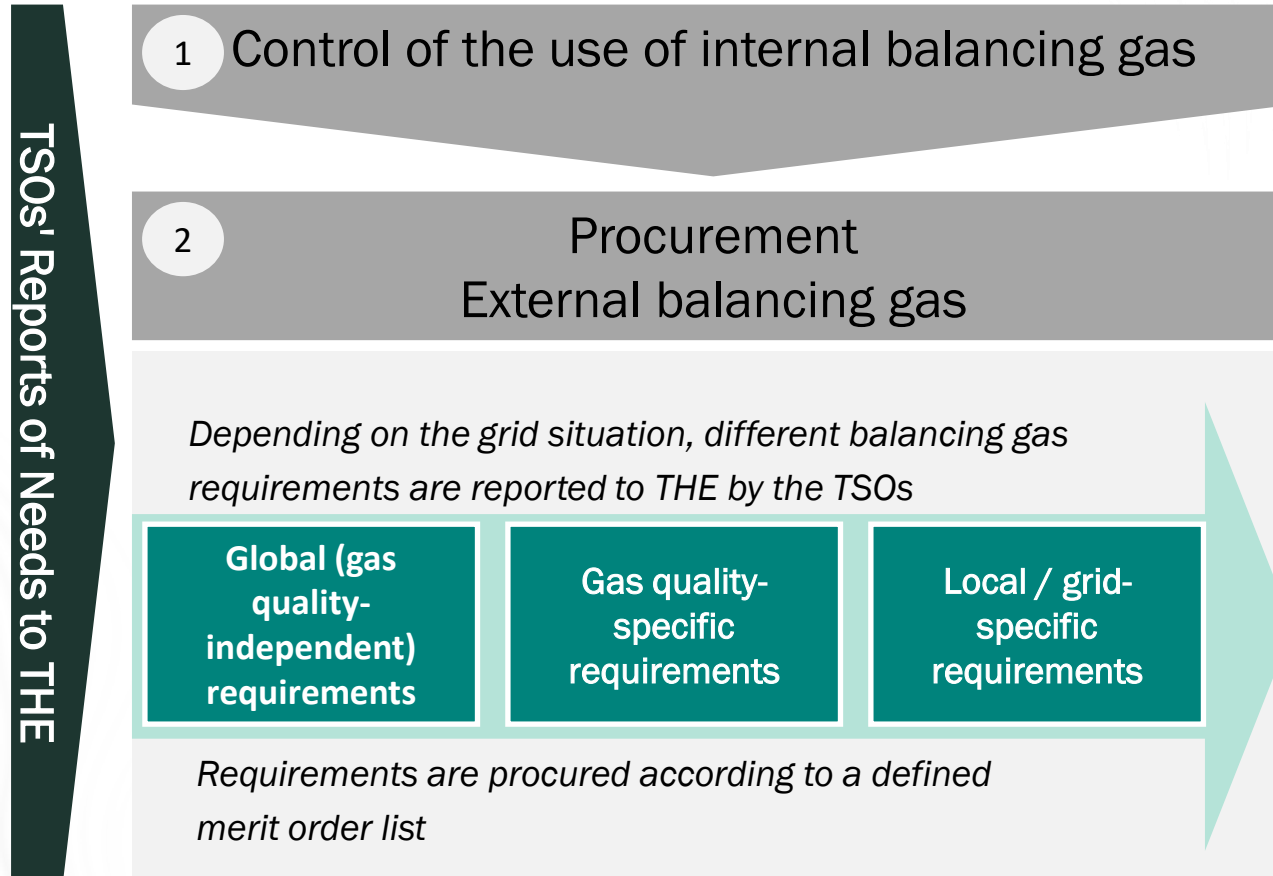
DSO/BGM Share of balancing energy input per month



How we balance the market area



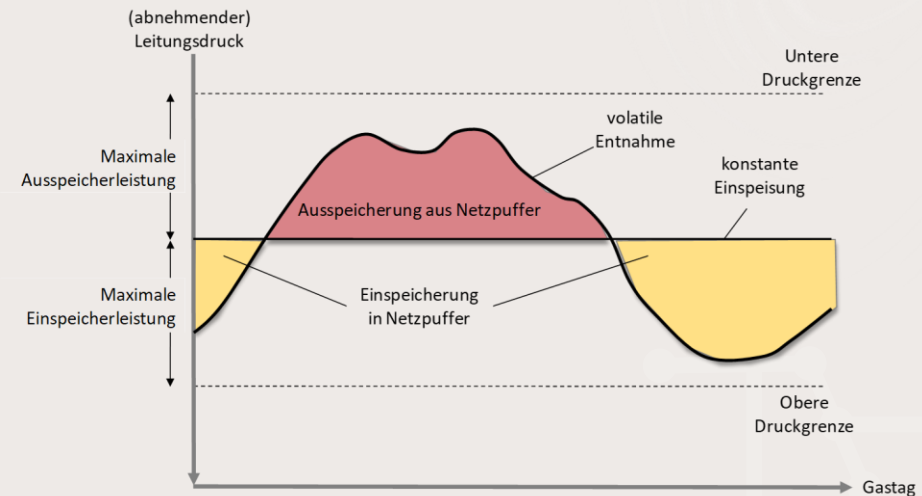
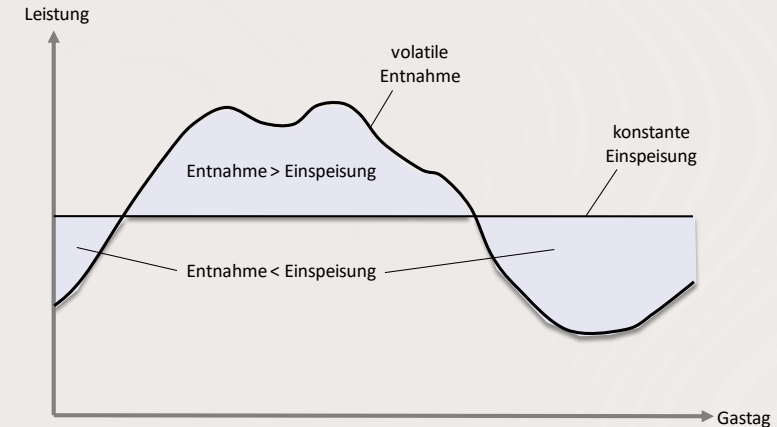
The aim of THE balancing gas management is to efficiently stabilize the market area



Internal balancing gas

Network buffer

- The pressure in gas networks can fluctuate within technical pressure limits without endangering system stability
- Due to the fluctuations, each gas network has a low pressure tolerance (pipe respiration or network buffer)
- The usable buffer volume is due to technical restrictions and varies from network to network



Merit Order List of Balancing gas Procurement

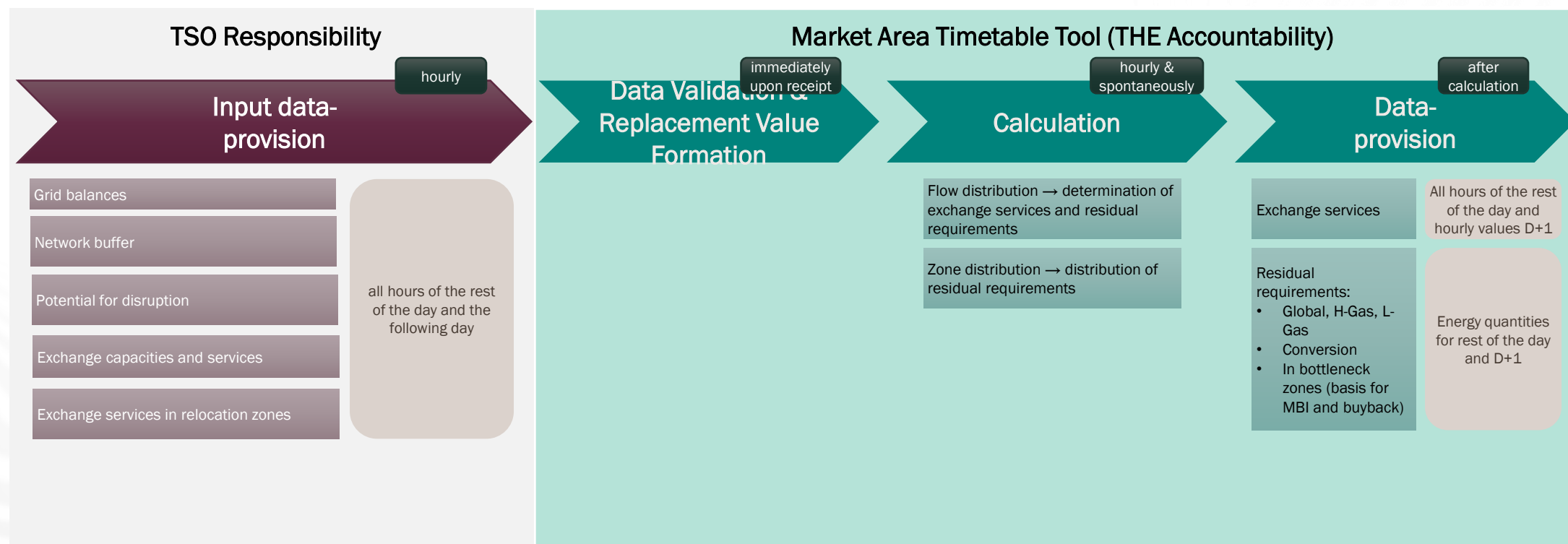
			Merit-Order (Beschaffungsrangfolge)			
			1	2	3	4
Title Market Transactions	eex ICE INDEX	Produkte				
		WD, DA, SA, SU, BH	Global	Quality		
	eex	Hour		Local		
Locational Market Transactions	eex	WD, DA, SA, SU, BH				
		Hour				
Balancing Services	THE	RoD (LTO/STB)				
		LRD				
		Hour (LTO)				
		Hour (SCB)				

Market Area Timetable Tool (MFT)

Frequency of data transmission

Message validity period

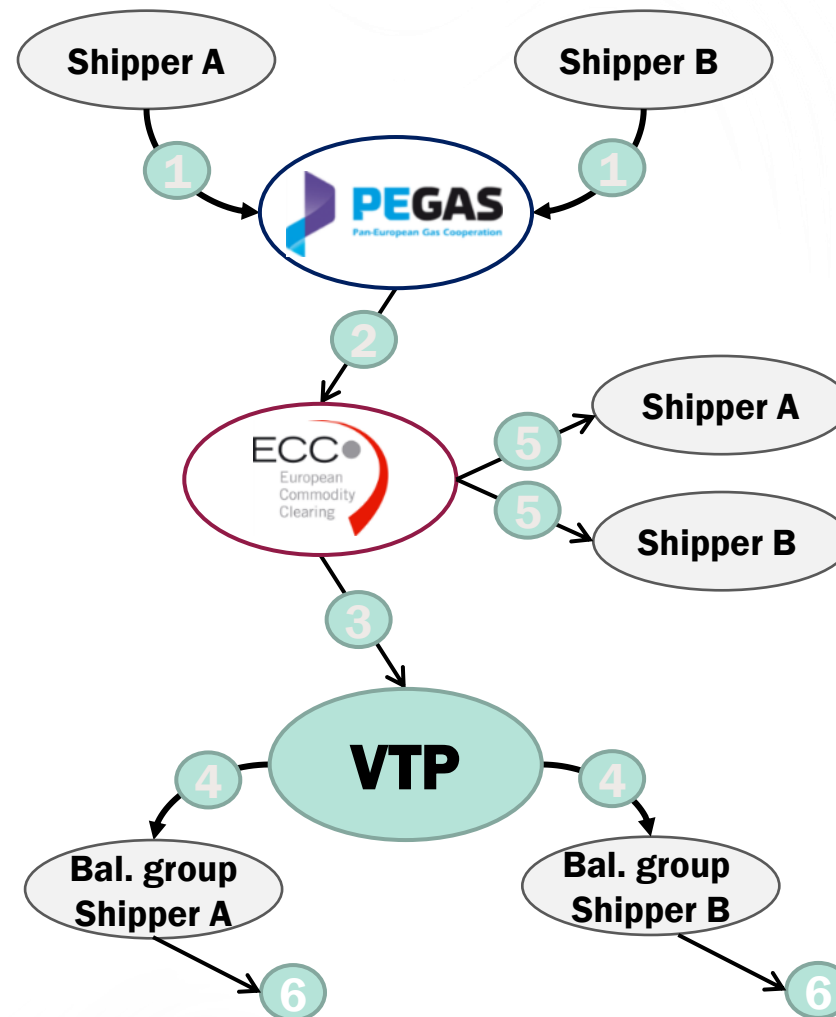
The MFT is the central IT application in the control model



Trading of gas volumes

Stock exchange

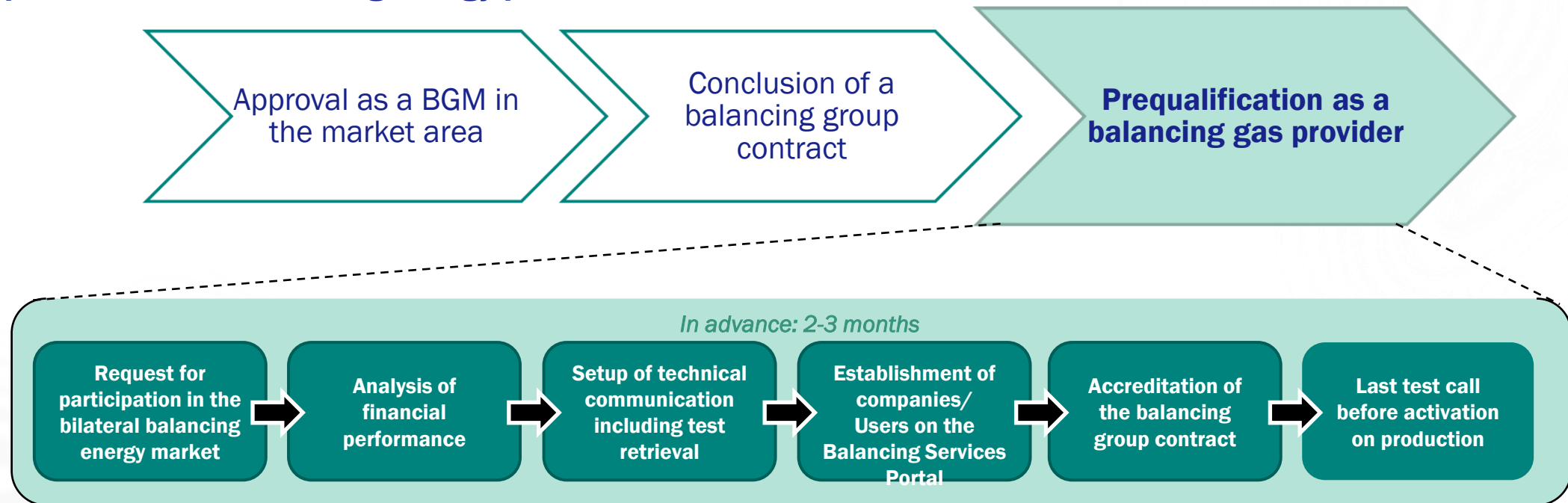
- EEX is connected to THE VTP (Spot/futures)
- BG contract is required for stock exchange trading
- Trade volumes are traded incognito
- Balance of the trading volume is transferred to balancing groups via Single Sided Nomination of the clearing house European Commodity Clearing (ECC) via THE VTP
- Gas volumes can be traded on demand (global, quality, local) in the spot and futures market
- Charging a fee for VTP transactions (per Buy and Sell nominations) Basis: VTP allocation



- 1 • Orderentry (Bid/Ask)
- 2 • Confirmation of the deal to ECC
- 3 • Single Sided Nomination at THE VTP after Deal Confirmation
- 4 • Single-sided nomination to the balancing group and subsequent VTP allocation (D+1)
- 5 • Financial settlement of the trading volume with the traders
- 6 • Physical settlement (e.g. entry or exit nomination against a TSO), provided that a quality or local product was traded

Participation in the bilateral balancing gas market

Steps to become a balancing energy provider in MOL Rank 4



Message exchange: For the message exchange (REQUEST/REQRES), which takes place when the bilateral products LTO and STB are called up, an AS2 connection between the balancing gas provider and THE is required; The message formats REQUEST/REQRES are only used in an in-house version (already in use)

BSP – Balancing Service Portal

Tendering platform for the following products

Long Term Options (LTO RoD)

Long-term contracts for the possibility of buying or selling gas volumes by THE

If THE contracts batches, the BGM receives the service price and, if called, the index price

Tendered period Q1, next tender in Q3-2026 for Q1-2027, for all H and L gas zones, requirements will be published early on

Maximum call-off days are announced by the MGM, current experience is 14 days

Batch size: 10 – 1,000 MWh/h

Retrieval takes place via REQUEST/REQRES directly to the provider - > lead time for retrieval: 3h

Short Call Balancing (SCB)

Long-term contracts for the possibility of short-term provision (system buy) or takeover (system sell) of L-gas volumes (LO and LW) for THE

The SCB product is mainly a storage product, the storage system must be directly connected to the network of the TSO

The tenders take place monthly (12 per year)

Batch size: 10 MWh/h; Remuneration: LP & index price

Retrieval is carried out directly by dispatching (THE) with the storage operator; the provider will be informed of this cc

Lead time: 1h

Short Term Balancing (STB)

Short-term purchase (system buy) or sale (system sell) of gas volumes by THE

If necessary, THE will open an STB tender on the BSP (BUY/SELL) on an ad-hoc basis – any zone would be conceivable

All providers will be informed via mail "High demand", as well as REMIT notification

Providers submit bids on the BSP, specifying power, price/MWh, lead time, gas quality and zone

THE contracts the cheapest batch by calling, REQUEST/REQRES

The call for applications has been carried out 1x so far on 01.10.2021

Lead time: variable

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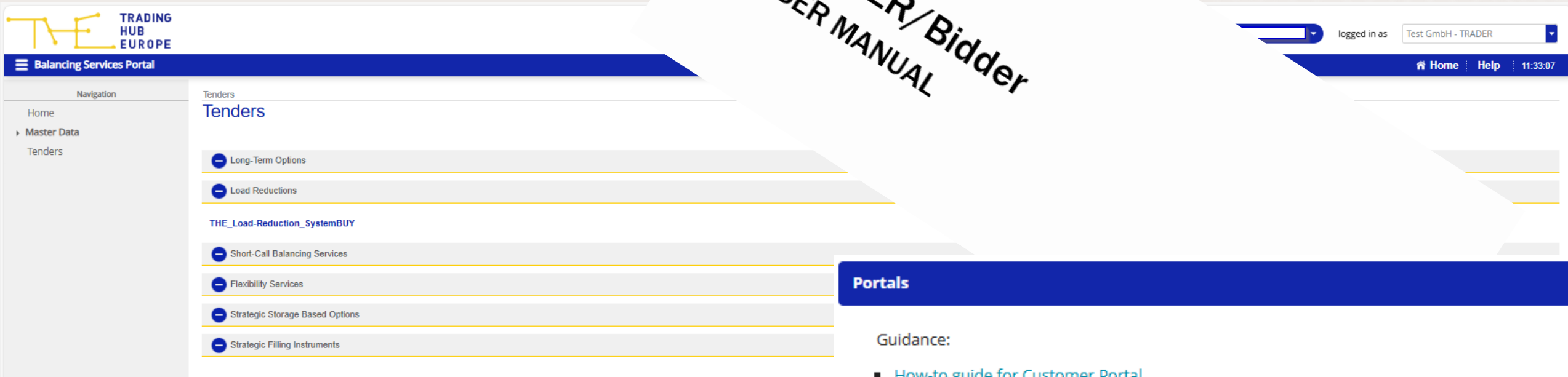
A map of Germany with several horizontal green lines drawn across the northern and central regions. Two green rectangular boxes are placed on these lines: one on the left labeled 'LW' and one on the right labeled 'LO'.

Basisinformationen zu den Produkten		Zusätzliche Zuordnung der Produkte								
No.	Vermögensklasse Nettoinvestition	Nettoinvestitionsvermögen	Bezeichnung	Nettoinvestitionsvermögen in Mio. €	ISIN	Typ	Regulatorischer Produktkategoriecode (ISIN) North - ISIN North	Regulatorischer Produktkategoriecode (ISIN) North - ISIN North	Regulatorischer Produktkategoriecode (ISIN) North - ISIN North	Regulatorischer Produktkategoriecode (ISIN) North - ISIN North
1	Umschuldung	Umschuldung 1	Umschuldung 1	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
2	Umschuldung	Umschuldung 2	Umschuldung 2	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
3	Umschuldung	Umschuldung 3	Umschuldung 3	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
4	Umschuldung	Umschuldung 4	Umschuldung 4	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
5	Umschuldung	Umschuldung 5	Umschuldung 5	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
6	Umschuldung	Umschuldung 6	Umschuldung 6	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
7	Umschuldung	Umschuldung 7	Umschuldung 7	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
8	Umschuldung	Umschuldung 8	Umschuldung 8	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
9	Umschuldung	Umschuldung 9	Umschuldung 9	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
10	Umschuldung	Umschuldung 10	Umschuldung 10	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
11	Umschuldung	Umschuldung 11	Umschuldung 11	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
12	Umschuldung	Umschuldung 12	Umschuldung 12	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
13	Umschuldung	Umschuldung 13	Umschuldung 13	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
14	Umschuldung	Umschuldung 14	Umschuldung 14	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
15	Umschuldung	Umschuldung 15	Umschuldung 15	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
16	Umschuldung	Umschuldung 16	Umschuldung 16	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
17	Umschuldung	Umschuldung 17	Umschuldung 17	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
18	Umschuldung	Umschuldung 18	Umschuldung 18	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
19	Umschuldung	Umschuldung 19	Umschuldung 19	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
20	Umschuldung	Umschuldung 20	Umschuldung 20	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
21	Umschuldung	Umschuldung 21	Umschuldung 21	212.000.000.000,00	US120000000000	USIF	US120000000000	US120000000000	US120000000000	US120000000000
22	Umschuldung	Umschuldung 22	Umschuldung 22	212.000.000.000,00	US120000000000	USIF	US			

27.11.2025

BSP - Tenders

THE-BSP TENDER/Bidder USER MANUAL



THE TRADING HUB EUROPE

Balancing Services Portal

Navigation

- Home
- Master Data
- Tenders

Tenders

Tenders

- Long-Term Options
- Load Reductions

THE_Load-Reduction_SystemBUY

- Short-Call Balancing Services
- Flexibility Services
- Strategic Storage Based Options
- Strategic Filling Instruments

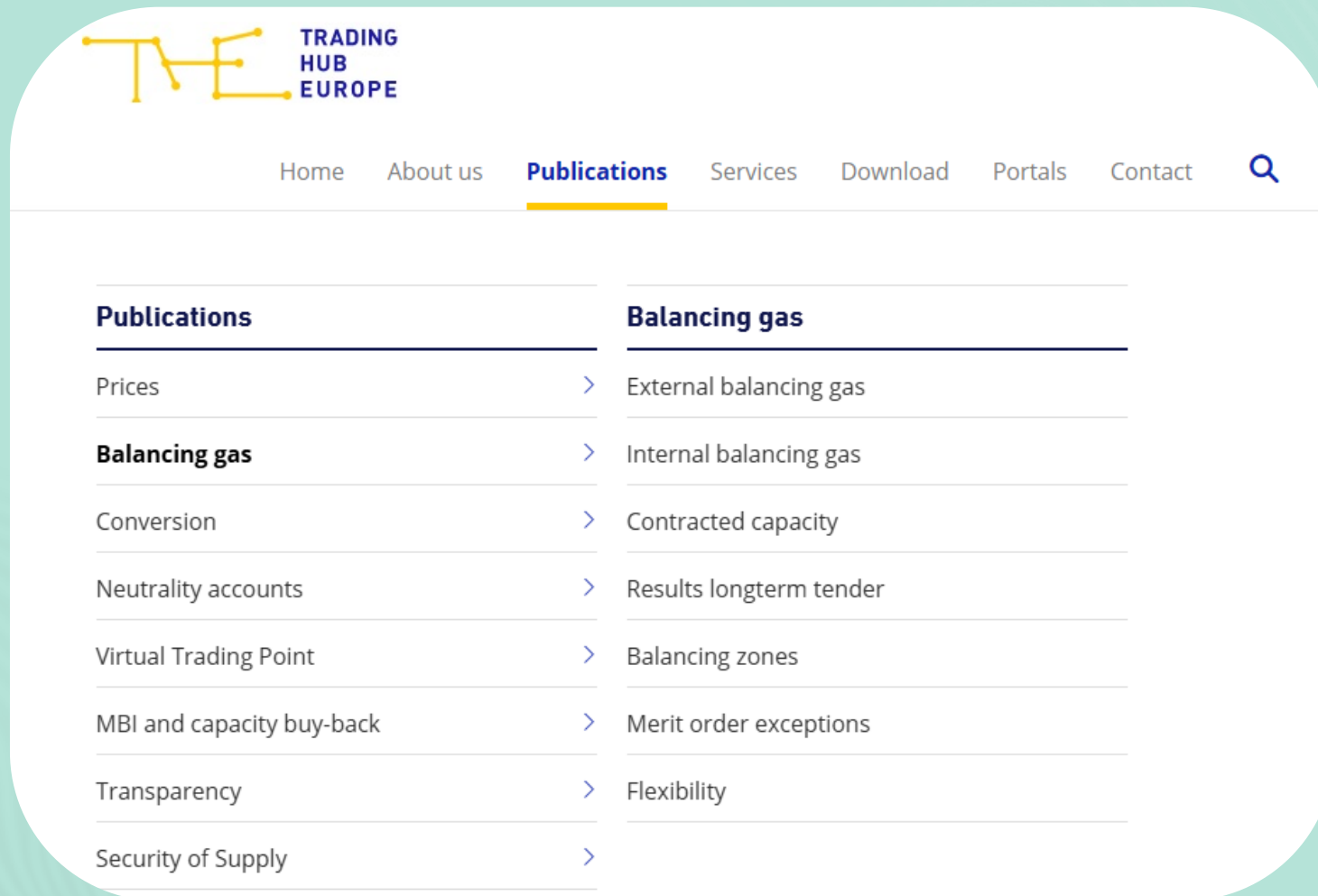
Portals

Guidance:

- How-to guide for Customer Portal
- Video tutorial for Customer Portal BGM
- How-to guide for BSP
- Guideline KRP Registration
- Guideline new Virtual Trading Point (currently only available in german language)
- How -to guide Virtual Trading Point
- Example NOMINT (EU XML format)
- Example NOMINT (EDIFACT format)

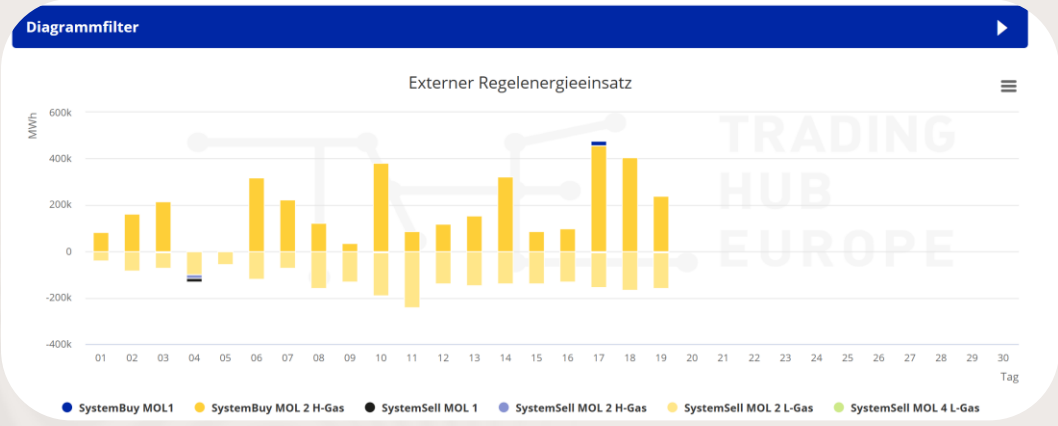
**Publications and useful
information on our website**

Publications on the website



 TRADING HUB EUROPE	
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Publications	Balancing gas
Prices	External balancing gas
Balancing gas	Internal balancing gas
Conversion	Contracted capacity
Neutrality accounts	Results longterm tender
Virtual Trading Point	Balancing zones
MBI and capacity buy-back	Merit order exceptions
Transparency	Flexibility
Security of Supply	

Use of external balancing gas



Tabellenfilter

Gastag	Lokation	Markt	MOL Rang	Lieferung ab	Einsatzdauer (h)	Stundenmenge (MWh/h)	Tagesmenge (MWh)	Arbeitspreis (EUR/MWh)	EUR/Tag	Produkttyp	Abrufkriterium	Abruf	Gasart	Losgröße (MW)
19.11.2025	LO	OTC	4	19.11.2025 13:00	1	1.500	1.500	33,101	49.651,50	SCB	Local	Longterm	L-Gas	10
19.11.2025	LO	OTC	4	19.11.2025 14:00	1	1.500	1.500	33,101	49.651,50	SCB	Local	Longterm	L-Gas	10
19.11.2025	THEH	EEX	2	19.11.2025 19:00	11	200	2.200	32,725	71.995,00	RoD	Quality	Shortterm	H-Gas	1
19.11.2025	THEH	EEX	2	19.11.2025 19:00	11	306	3.366	32,750	110.236,50	RoD	Quality	Shortterm	H-Gas	1
19.11.2025	THEH	EEX	2	19.11.2025 19:00	11	400	4.400	32,775	144.210,00	RoD	Quality	Shortterm	H-Gas	1
19.11.2025	THEH	EEX	2	19.11.2025 19:00	11	400	4.400	32,800	144.320,00	RoD	Quality	Shortterm	H-Gas	1
19.11.2025	THEH	EEX	2	19.11.2025 19:00	11	165	1.815	32,805	59.541,07	RoD	Quality	Shortterm	H-Gas	1

Download

Documents

THE Points List

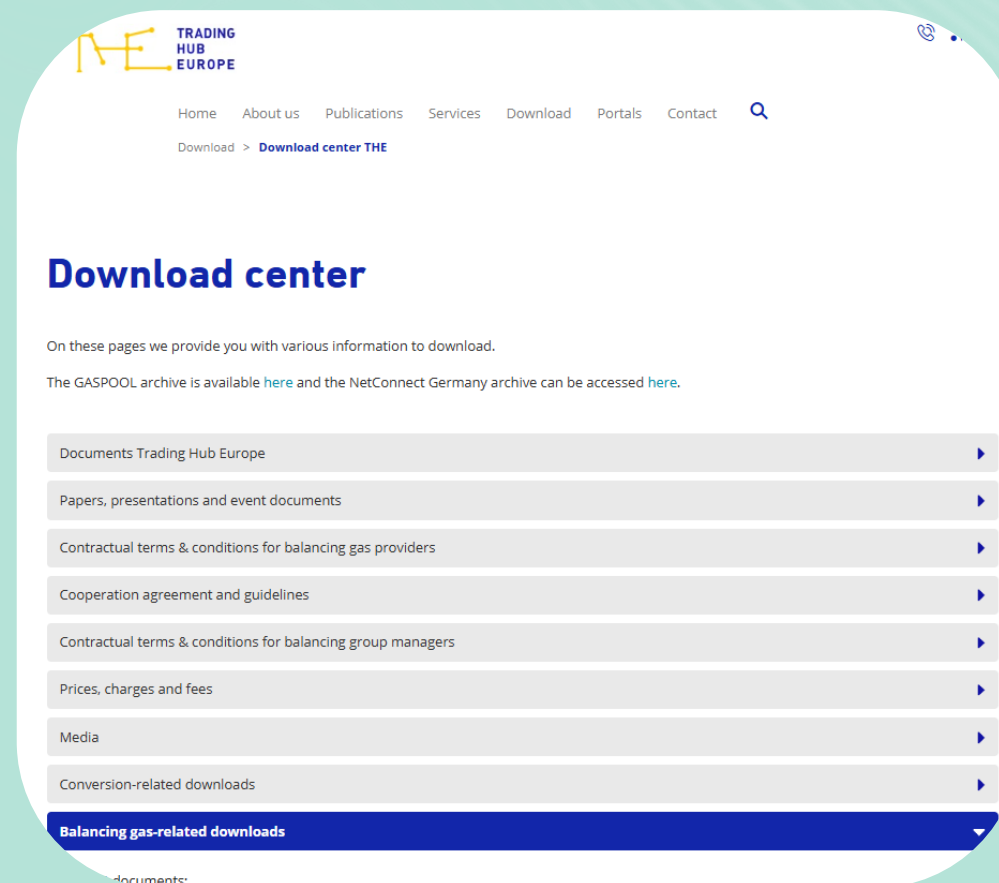
THE ZIP List LRD Product

Implementation Guide §25

Calculation methodology for the TC surcharge

Etc.

In the THE download center on the website you will find relevant information on the subject of balancing gas



FAQ Document

On the THE website there is an FAQ document with questions and answers on the topics

- Balancing gas
- Market-Based Instruments &
- Capacity buyback

provided



FAQs

Questions and answers on:

- Balancing-related topics
- Market-based instruments (MBIs)
- Capacity buy-backs

Applicable to products with effect from, and to contract periods commencing on or after,

1 October 2021

Implementation guide §25

Ca
F

Breach of section 25

Compliant with section 25

Case study 7 – Trading in quality-specific products: Relevant period for effect = delivery period (I)

eex
Sale:
THE

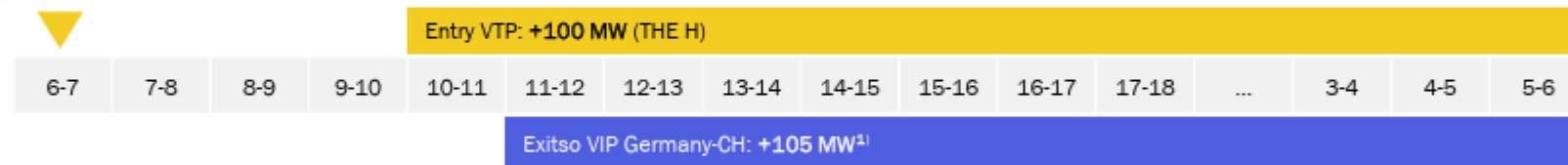
Trading chain

eex
Sale:
THE H



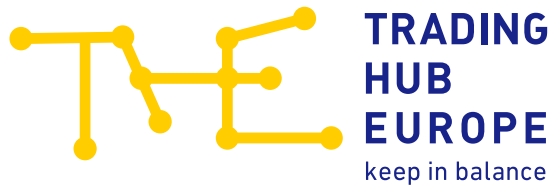
Processes in the trader balancing group

eex Purchase: THE H 06:30 hrs. (100 MW)



Trader 1 increases its H-gas offtakes only from delivery hour 11-12. However, the shortfall from delivery hour 10-11 is compensated by the higher offtakes in delivery hours 11-12 to 5-6. Since a physical effect corresponding to the traded quantity was thus achieved over the delivery period, the quality-specific trade has been duly executed (section 25(3)(b), second sentence).

Vielen Dank für Ihre Aufmerksamkeit



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LTO parameters	Specifications
Product variant	Rest of the Day (RoD)
Product category	Locational
Bid delivery rate	10 MWh/h per lot (minimum) (thereafter increments of whole numbers up to 1,000 MWh/h max.)
Price	Capacity charge and Commodity Charge Surcharge
Required service availability	Every gas day during the entire contract period (up to the maximum number of call days)
Call criterion	Exhaustion/technical unavailability of the higher merit order ranks
Lead time	3 hours

LTO parameters	Specifications
Product variant	Hour
Product category	Locational
Bid delivery rate	10 MWh/h per lot
Price	Capacity charge and commodity charge
Required service availability	Every hour throughout the entire contract periods
Lead time	3 hours

Merit Order List of Balancing Energy Procurement

