

**TRADING  
HUB  
EUROPE**  
keep in balance

**Customer Assembly - 04.05.2022**



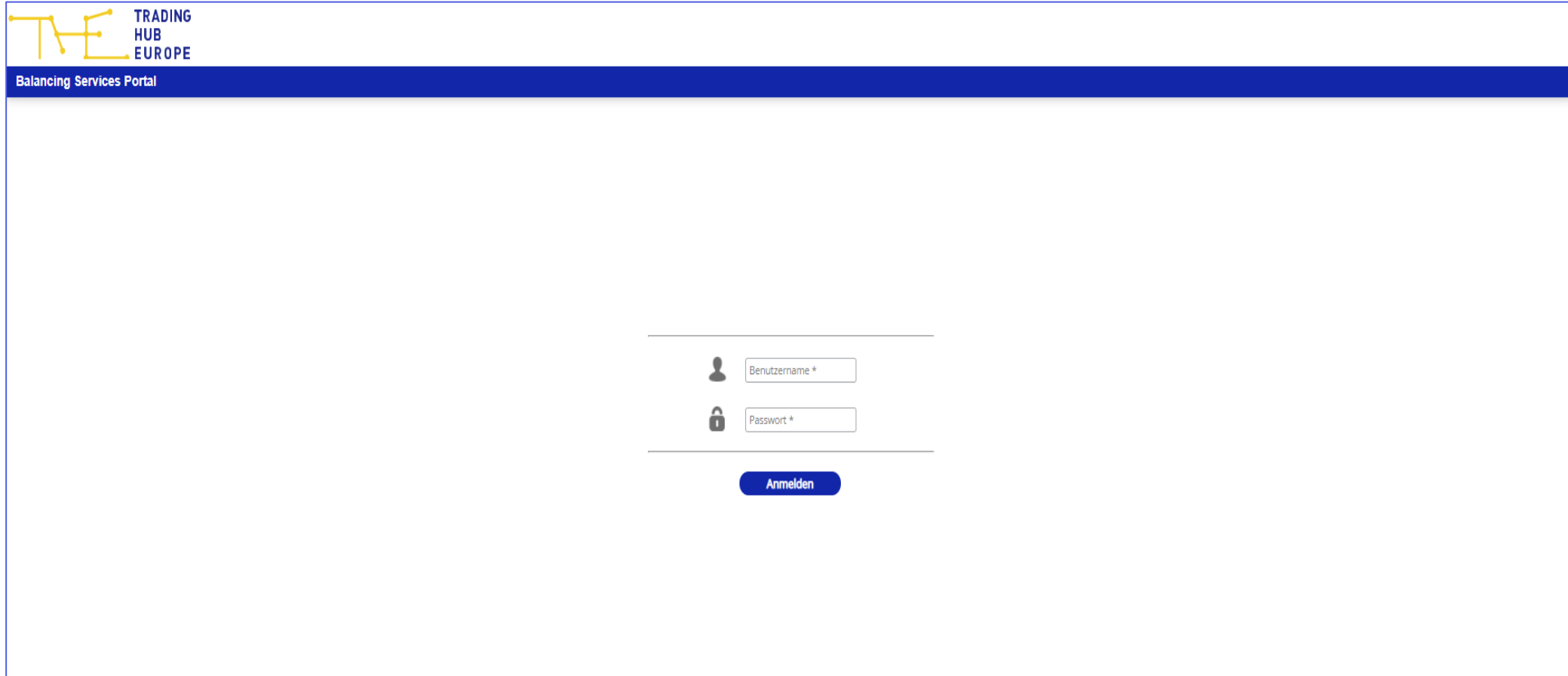
# Balancing Services Portal (BSP)

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## Facts:

- Currently Registered Balancing Energy Providers on the BSP - 38 pcs.
- 4 long term products (LTO RoD/ Hourly, SCB, Flexibility Services, SSBO) and one short term product (STB)
- Tenders executed since 01/10/21 - 23 pcs.
- Contracted capacity since 01/10/21 - SystemBUY = 135,466 MW; SystemSELL= 26,970 MW
- Called quantity since 01/10/21 - 77.180 MWh distributed on 4 call days
- Number of suppliers currently in the prequalification process - 12 pcs.

# Balancing Services Portal (BSP)



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EUROPE

Balancing Services Portal

Benutzername \*

Passwort \*

Anmelden

<https://regelenergie.edm.tradinghub.eu/>

# Balancing Services Portal (BSP)

The screenshot shows the top header of the Balancing Services Portal. On the left is the logo for Trading Hub Europe, consisting of a stylized yellow 'THE' and the text 'TRADING HUB EUROPE'. Below the logo is a blue navigation bar with the text 'Balancing Services Portal' and a home icon. On the right side of the header, there is a user profile section showing 'User SIDAHMEDD' and 'logged in as Select One'. A dropdown menu is open under the user name, containing 'User Settings' and 'Logout'. The time '15:34:11' and language 'en' are also visible.

The screenshot shows the 'User Settings' page for user SIDAHMEDD. The page title is 'User Settings: SIDAHMEDD'. Under the 'General' section, there is a 'Display language' dropdown menu set to 'English'. Under the 'Account' section, there is a 'Change Password' button. The left sidebar contains a navigation menu with 'Home', 'Master Data', and 'Auctions'. The top header is identical to the previous screenshot, but the user profile now shows 'logged in as TRADER1 - TRADER' and the time is '15:35:31'.



# Balancing Services Portal (BSP)

## Current status Storage zones\*:

SZL	Storage Zone L-Cal
SZN	Storage Zone North
SZO	Storage Zone East
SZS	Storage Zone South
SZW	Storage Zone West

The composition of the mentioned storage zones results from the SSBO storage list, which will be published in due time.

\*Modifications possible

TRADING HUB EUROPE

### Balancing Services Portal (INT)

Navigation

- Home
- Master Data
  - Persons
  - Companies
  - Tenders

Tenders

Tenders

- + Short-Term Balancing Services
- + Long-Term Options
- Short-Call Balancing Services
- Flexibility Services
- Strategic Storage Based Options

THE\_SSBO\_SZL\_2022-2023

THE\_SSBO\_SZN\_2022-2023

THE\_SSBO\_SZO\_2022-2023

THE\_SSBO\_SZS\_2022-2023

THE\_SSBO\_SZW\_2022-2023

# Balancing Services Portal (BSP)

Bid filter:

Bids (1)  [I accept the terms & conditions for SSBO](#) 1 [Add bid\(s\)](#)

Gas Quality*	Product*	Lot*	Nr. Lots*	Storage Amount	Service Fee*	Capacity Charge*	Index Price Markup/Markdown*	Zone*	Storage*	Bid Time	<input type="checkbox"/>
TRADER1_THE	SystemBUY SSBO	32,500 MWh	<input type="text" value="5"/>	162,500 MWh	<input type="text" value="1000"/> EUR	<input type="text" value="800"/> EUR	<input type="text" value="0,8"/> EUR/MWh	Speicherzone Nord	<input type="text" value="21 Harsefeld GUD"/>		<input type="checkbox"/>

[Save](#) [Delete](#) [Edit](#) [Reset](#) [Report](#)

Tenders > Bid entry

## Bid entry: THE\_SSBO\_SZN\_2022-2023 [Back](#)

Successfully saved

Tender type: Strategic Storage Based Options    Market Area: THE    Planned close date: 17.05.2022 12:00    Contract period: 01.10.2022 06:00 - 01.02.2023 06:00

Tender quantities: SystemBUY SSBO,  MWh

Bid filter:

Bids (1)  [I accept the terms & conditions for SSBO](#) 1 [Add bid\(s\)](#)

Gas Quality*	Product*	Lot*	Nr. Lots*	Storage Amount	Service Fee*	Capacity Charge*	Index Price Markup/Markdown*	Zone*	Storage*	Bid Time	<input type="checkbox"/>
TRADER1_THE	SystemBUY SSBO	32,500 MWh	5	162,500 MWh	1,000.00 EUR	500.00 EUR	2.00 EUR/MWh	Speicherzone Nord	21 Harsefeld GUD	01.05.2022 17:04:27	<input type="checkbox"/>

[Save](#) [Delete](#) [Edit](#) [Reset](#) [Report](#)

# Balancing Services Portal (BSP)

- Entering the offer via Excel template, downloading the 1st lot entered as a report
- Use the CSV report as a template

A	B	C	D	E	F	G	H	I	J	K
Gas Quality	Product	Lot	Nr. Lots	Storage Amc	Service Fee	Capacity Cha	Index Marku	Zone	Storage	Bid Time
TRADER1_THE	SystemBUY SSBO	32,5	5	162,5	1,000.00	500.00	2.00	Speicherzone Nord	21 Harsefeld GUD	#####

- After that adjust demand, copy column A-J, maximum upload of 1.000 lines possible
- Then insert into the row with Excelbutton

[Ich akzeptiere die AGB für SSBO](#)  **Angebot(e) anhängen** 

- If the upload was successful, the lots are displayed in the overview and the number is listed

Ausschreibungen > Angebotseingabe

## Angebotseingabe: THE\_SSBO\_SZN\_2022-2023

**i** 19 Angebote importiert, bitte speichern.

# Balancing Services Portal (BSP)

## Short Term Balancing (STB):

- Short-term demand determination and its call/activation - control energy for balancing the change in the transport speed of the gas and to prevent measures according to §16 (2) EnWG

## Process flow :

1. Demand is determined by the TSO concerned and coordinated with THE
2. THE opens a STB tender on the BSP and sends information to the market (high demand), if a sub-zone has to be opened, this is communicated via the UMM tool
3. THE calls off the offers at the BSP
4. Publication of the retrieved quantities



# Balancing Services Portal (BSP)

## Subject: Hoher zonenscharfer Bedarf an externer Regelenergie / high balancing zone demand for external balancing gas

Sehr geehrte Damen und Herren,

folgender Regelenergiebedarf besteht für das qualitätsübergreifende Marktgebiet des Trading Hub Europe GmbH:

- Gasqualität: H-Gas, L-Gas
- Zone: HN, LW
- Netzpunkt: -
- Rest of the Day – STB
- Richtung: SystemBUY
- Gastag: 02.05.2022
- Leistung: 5,000 MWh/h

Wir bitten Sie um Abgabe entsprechender bilateraler Angebote auf der THE Ausschreibungsplattform.

Bei Rückfragen zu der Bedarfsmeldung stehen Ihnen die Kollegen des Dispatching gerne zur Verfügung:

Tel.: +49 30 364289-411

Fax: +49 30 364289-420

E-Mail: [dispatching@tradinghub.eu](mailto:dispatching@tradinghub.eu)

# Balancing Services Portal (BSP)

The screenshot displays the Balancing Services Portal (BSP) interface. On the left is a navigation sidebar with a 'Navigation' header and three items: 'Home', 'Master Data', and 'Tenders'. The main content area is titled 'Tenders' and features a sub-section for 'Short-Term Balancing Services'. Below this, there are two yellow boxes representing bidding periods: '01.05.22 SystemSELL' and '02.05.22 SystemBUY'. A legend at the bottom indicates that light yellow represents 'Bidding Opened' and dark yellow represents 'Bidding Opened // High Demand'.

Date	System	Status
01.05.22	SystemSELL	Bidding Opened
02.05.22	SystemBUY	Bidding Opened // High Demand

# Balancing Services Portal (BSP)

Tender: THE\_TEST\_STB\_BUY\_2022-05-02 Refresh

Product: SystemBUY Shortterm Direction: SystemBUY Gas Day: 02.05.2022 Close of Tender: 03.05.2022 03:59

Own Bids

	Volume [MW]	Price [EUR/MWh]	Call Lead Time [h]	Gas Quality	Zone	Sector	Bidding Time	Nomination Qualifier
New Bid>>>	<input type="text" value="200"/>	<input type="text" value="110"/>	<input type="text" value="3"/>	<input type="text" value="TRADER1_THI"/>	<input type="text" value="HN"/>	<input type="text" value="-"/>		<input checked="" type="checkbox"/> I accept the terms & conditions
							<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Tender: THE\_TEST\_STB\_BUY\_2022-05-02 Refresh

✔ Successfully saved

Product: SystemBUY Shortterm Direction: SystemBUY Gas Day: 02.05.2022 Close of Tender: 03.05.2022 03:59

Own Bids

	Volume [MW]	Price [EUR/MWh]	Call Lead Time [h]	Gas Quality	Zone	Sector	Bidding Time	Nomination Qualifier
New Bid>>>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="-"/>	<input type="text" value="-"/>	<input type="text" value="-"/>		<input type="checkbox"/> I accept the terms & conditions
							<input type="button" value="Save"/> <input type="button" value="Cancel"/>	
	200	110.00	3	TRADER1_THE	HN		01.05.2022 17:22	TRADER1RPHN001

# Capacity buy-back portal (CBB)

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## Facts:

- Since 01/10/21 the CBB is available for registered users
- Currently registered providers on the CBB - 10 pcs.
- Executed tenders since 01/10/21 - 0 pcs.
- Number of providers who are currently in the registration process - 8 pcs.

## **What is capacity buy-back:**

The award shall be made on a point-by-point basis and shall be implemented at the designated entry.

Bids can be submitted for all TSO Entries which are assigned to the oversupplied RE area and at which the Provider has corresponding nominations of FZK for the designated service period.

# Capacity buy-back portal (CBB)

## Process flow (THE):

1. THE and FNB determine at Webko in the schedule tool that MBI is not sufficient
2. TSO and THE coordinate and TSO decides the CBB
3. THE publishes a demand range on the CBB Portal
4. Suppliers receive a push email inviting them to submit offers (3.5h lead time)
5. Transport customers post offers for the right of use of their already nominated FZK at their price
6. Cost-optimal retrieval of offers by THE in the CBB Portal and payment of the purchased transportation right.
7. THE publishes the CBB on its website in the UMM portal (backend of THE website)
8. Verification of physical fulfillment in the following telco with TSOs by THE.

# Capacity buy-back portal (CBB)

Automated information to providers:

- With the publication of the auction, the transport customers registered and participating via the CBB Portal automatically receive information about this from the system, with all information.

The screenshot shows the 'Portal for capacity buyback' interface. At the top, there is a navigation bar with the 'THE TRADING HUB EUROPE' logo, the title 'Portal for capacity buyback', and user information 'Menu', 'Language', and 'Enrico Martin'. Below this is a section for 'Auction overview (Shipper)' with a 'Filter criteria' link. A search bar for 'Auction ID' is present. There are navigation icons (refresh, search) and an 'Add offer' button. The main content area shows a 'Result : 29/04/2022 13:16' and a table filter. The table has 11 columns: Auction ID, Auction period from, Auction period to, Performance period from, Performance period to, Range from (MWh/h), Range to (MWh/h), Shortage zone, Status, Offers submitted / accepted, Offered capacity (MWh/h), and Created on. A single row of data is displayed with a green background.

Auction ID	Auction period from	Auction period to	Performance period from	Performance period to	Range from (MWh/h)	Range to (MWh/h)	Shortage zone	Status	Offers submitted / accepted	Offered capacity (MWh/h)	Created on
20220014	29/04/2022 13:10	29/04/2022 14:05	29/04/2022 18:00	30/04/2022 06:00	800	5,000	North H	Auction period	0 / 0	0	29/04/2022 13:05

# Capacity buy-back portal (CBB)

**Add offer** ?

---

Auction ID: 20220014  
Service period: 29/04/2022 18:00 - 30/04/2022 06:00  
Auctioned range (MWh/h): 800 - 5,000

Performance (MWh/h)* *	Price per MW (EUR/MWh/h)* *
Network operator* *	Network point* *
Contract ID* *	Balancing group* *

\*I confirm that I have read the terms and [conditions for the capacity buyback](#) and I agree to them.

\*Mandatory input

✓ ✗

# Capacity buy-back portal (CBB)

**Add offer** ?

---

Auction ID: 20220014  
Service period: 29/04/2022 18:00 - 30/04/2022 06:00  
Auctioned range (MWh/h): 800 - 5,000

Performance (MWh/h)\* \*  Price per MW (EUR/MWh/h)\*\*

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Network operator\* \*  Network point\* \*

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Contract ID\* \*  Balancing group\* \*

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\*I confirm that I have read the terms and [conditions for the capacity buyback](#) and I agree to them.

\*Mandatory input

**Errors:**

**The offered capacity falls below the allowed minimal value of 10.**

**The offered capacity is not a multiple of the step size of 10.**



# Capacity buy-back portal (CBB)

**Add offer** ?

---

Auction ID:	20220014
Service period:	29/04/2022 18:00 - 30/04/2022 06:00
Auctioned range (MWh/h):	800 - 5,000
Performance (MWh/h)**	Price per MW (EUR/MWh/h)**
1000	100
Network operator**	Network point**
Gasunie Deutschland Transport Services G... ▾	DOETLINGEN UE H ▾
Contract ID**	Balancing group**
Test-ID12345	THE0BFH123456789

\*I confirm that I have read the terms and [conditions for the capacity buyback](#) and I agree to them.

\*Mandatory input

# Capacity buy-back portal (CBB)

## Angebot abgeben ?

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Auktions-ID:	20220014
Leistungszeitraum	29.04.2022 18:00 - 30.04.2022 06:00
Ausgeschriebene Spannweite (MWh/h)	800 - 5.000
<hr/>	
Leistung (MWh/h):	<b>1.000</b>
Preis pro MW (EUR/MWh/h):	<b>100,00</b>
Netzbetreiber:	<b>Gasunie Deutschland Transport Services GmbH</b>
Netzpunkt:	<b>DOETLINGEN UE H</b>
Vertrags-ID:	<b>Test-ID12345</b>
Bilanzkreis:	<b>THE0BFH123456789</b>

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# Capacity buy-back portal (CBB)

Offers for auction 20220014 : 29/04/2022 13:32

**Add offer**

Table filter

Columns:  Auction ID, Offer rank, Offer ID, Performance (MWh/h), Price per MW (EUR/MWh/h), Network operator, Network point, Contra...





Auction ID	Offer rank	Offer ID	Performance (MWh/h)	Price per MW (EUR/MWh/h)	Network operator	Network point	Contract ID	Balancing group	Status	Called capacity (MWh/h)
20220014	1	202200147198	1,000	100.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12345	THE0BFH123456789	New	
<b>Total:</b>			<b>1,000</b>							<b>0</b>

Items per page 10 1 - 1 of 1

# Capacity buy-back portal (CBB)

Offers for auction 20220014 : 29/04/2022 13:36

[Add offer](#)

Table filter Columns  Auction ID, Offer rank, Offer ID, Performance (MWh/h), Price per MW (EUR/MWh/h), Network operator, Network point, Contra...    

Auction ID	Offer rank	Offer ID	Performance (MWh/h)	Price per MW (EUR/MWh/h)	Network operator	Network point	Contract ID	Balancing group	Status	Called capacity (MWh/h)
20220014	1	202200147198	1,000	100.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12345	THE0BFH123456789	New	
20220014	2	202200147994	1,200	120.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12346	THE0BFH123456789	New	
<b>Total:</b>			<b>2,200</b>							<b>0</b>





Items per page 10 1 - 2 of 2 |< < > >|



# Capacity buy-back portal (CBB)

Offers for auction 20220014 : 29/04/2022 13:38

**Add offer**

Table filter Columns  
 Auction ID, Offer rank, Offer ID, Performance (MWh/h), Price per MW (EUR/MWh/h), Network operator, Network point, Contra...    

Auction ID	Offer rank	Offer ID	Performance (MWh/h)	Price per MW (EUR/MWh/h)	Network operator	Network point	Contract ID	Balancing group	Status	Called capacity (MWh/h)
20220014	1	202200147198	1,000	100.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12345	THE0BFH123456789	New	
20220014	2	202200147994	1,200	120.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12346	THE0BFH123456789	New	
<b>Total:</b>			<b>2,200</b>							<b>0</b>

Items per page 10 1 - 2 of 2 < > >>

# Capacity buy-back portal (CBB)

Offers for auction 20220014 : 29/04/2022 14:12

Add offer

Table filter

Columns:  Auction ID, Offer rank, Offer ID, Performance (MWh/h), Price per MW (EUR/MWh/h), Network operator, Network point, Contra...

Auction ID	Offer rank	Offer ID	Performance (MWh/h)	Price per MW (EUR/MWh/h)	Network operator	Network point	Contract ID	Balancing group	Status	Called capacity (MWh/h)
20220014	2	202200149632	1,500	90.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12348	THE0BFH123456789	Accepted	1500
20220014	1	202200147198	1,010	100.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12345	THE0BFH123456789	Canceled	
20220014	3	202200147994	1,200	120.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12346	THE0BFH123456789	Accepted	500
20220014	4	202200146069	5,000	140.00	Gasunie Deutschland Transport Services GmbH	DOETLINGEN UE H	Test-ID12347	THE0BFH123456789	Declined	0
<b>Total:</b>			<b>8,710</b>							<b>2,000</b>

Items per page 10 1 - 4 of 4



# Capacity buy-back portal (CBB)

Automatic information of the providers

- Once the bids have been accepted, the detailed view of the transport customer is updated
- Furthermore, the customers are informed about the acceptance / rejection of their offer

The screenshot shows an email interface. On the left is an inbox with several messages from noreply-kpr-int@datagroup.de. Two messages are highlighted with red boxes: 'Kapazitätsrückkauf - geändertes Angebot' (08:45) and 'Kapazitätsrückkauf - neues Angebot' (08:44). On the right is the detailed view of the 'geändertes Angebot' email, dated 11.03.2021 08:45. The email content includes:

Sehr geehrte Damen und Herren,  
wir haben soeben folgendes geändertes Angebot von Ihnen erhalten:

Auktions-ID: 20210038  
AngebotsId: 202100384370  
Leistungszeitraum: 11.03.2021 12:00 - 12.03.2021 06:00  
Angebotene Leistung: 200 MWh/h  
Preis: 202 EUR/MWh/h  
Punkt: Netzpunkt 4  
Netzbetreiber: Netzbetreiber 2  
Transportkunde: Test TK Nikola  
Bilanzkreis: THE0BEH029391821  
Contract-Id: ID9284928  
CodeAgency: DE91821746291  
Netzbetreiber: Netzbetreiber 2  
Transportkunde: Test TK Nikola  
Bilanzkreis: THE0BEH029391821  
Contract-Id: ID9284928  
CodeAgency: DE91821746291

Dies ist eine automatisch erstellte Nachricht, bitte antworten Sie nicht darauf.  
Bei Fragen wenden Sie sich bitte an Ihren Ansprechpartner bei

**Thank you for your  
attention**

**Elias Sid Ahmed**

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