

Instructions for the Customer Portal

for Balancing Group Managers

Trading Hub Europe GmbH Last revised: 01. Sept. 2021



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1 Login page of the Customer Portal

To access the Customer Portal, follow the link on the Trading Hub Europe website (alternatively, you can find the Customer Portal at <u>https://kundenportal.tradinghub.eu/</u>):

THE	TRADINO HUB EUROPI	G E							<i>© </i>
	Home	About us	Publications	Services	Download	Portals	Contact	Q	
Portals	_								
Customer Portal	J								
VTP Portal									
KRP									

The login page of the Customer Portal will open:

TRADING	de
HUB EUROPE keep in balance	Customer Porta
Login	Welcome!
assword	Welcome to the Customer Portal of Trading Hub Europe. According to your market role the THE Customer Portal offers the following functions: • Conclusion and Management of Balancing Group Contracts
Remember me Forgot Password?	Processing of declaration, allocation and clearing View of balancing and allocation data series as well as balancing group connections View of reports and subscribe to report mailing lists
Login	Master Data Management – Customer Self Care Biogas Flexibility Transfer
You don't have an account? Start the admission process here:	You will receive access to the customer portal after successful admission.
Contact	:: service@tradinghub.eu



Here you you can log in, reset your password or start the admission process to the Customer Portal.

To reset your password, please use the 'Forgot password' function. Enter your user name and click on "Submit". You will then receive an automatically generated e-mail with further instructions.

TRADING HUB EUROPE keep in balance	de en
Login Username Sack to Login Network to Login Please enter your username. After pressing "Submit" you will receive an email with further instructions to your registered email address (provided your entered username exists).	Welcome! Welcome to the Customer Portal of Trading Hub Europe. According to your market role the THE Customer Portal offers the following functions: • Conclusion and Management of Balancing Group Contracts • Processing of declaration, allocation and clearing • View of balancing and allocation data series as well as balancing group connections • View of reports and subscribe to report mailing lists
You don't have an account? Start the admission process here: Admission	 Master Data Management – Customer Self Care Biogas Flexibility Transfer You will receive access to the customer portal after successful admission.
Contact: ser Trading Hub Europe, 2021 / Imp	vice@tradinghub.eu vrint / Data Protection Policy / Disclaimer



2 Admission to the Customer Portal

To start the admission process, click on "Admission".

You don't have an account? Start the admission process here:

Admission

Select the market role "Balancing group manager" and indicate whether your company (or the company for which you provide services) is already admitted as a market partner in the THE market area or whether you want to admit your company (or the company for which you provide services) as a market partner for the first time.

Ţ	TRADING HUB EUROPE	de len Customer Portal
	keep in balance	Admission
← @ Home		Market role / Application type
Market role *:	O Network operator	
	O Balancing group manager	
	O Shipper	
Application type *:	O I would like to apply for a user account for a new market p	artner in the market area of THE
	igodot I would like to apply for a user account for a market partner	er already admitted in the market area of THE

Depending on the type of application you have selected, you will be directed to the corresponding admission form.

Please note that the fields marked with an asterisk (*) in the online admission form are mandatory.

First you have to enter some information about your company. For the admission as Balancing Group Manager, you either need a DVGW market participant code (in the role of Balancing Group Manager) or an international GLN. If your company does not have any of the above codes, you can, for example, apply for the DVGW code on the DVGW website (https://codevergabe.dvgw-sc.de/).



ŢŀĘ	TRADING HUB EUROPE keep in balance		de en Customer Portal Admission
← @ Home			Admission of a new Balancing Group Manager
Company name *:	I		0
Service providers *:	O I am an employee of the above company O I am a service provider acting on behalf of the abov	e company	
Company registration No. *:			
VAT ID *:			
ACER code *:			0
I Market partner of	ode () * 🗌	GLN code:	0
뽕 Contact persons	1		
- 🖉 Contact person	Contract ①	은 <mark>은 Contact</mark> p	person Market information emails ①
Name *:		Name *:	
Phone *:	♥ (0)	Phone *:	♥ (0)
Email *:	0	Email *:	0
< Back			i a 54 → Next
	Contact: servi	ce@tradinghub.eu	
	Trading Hub Europe, 2021 / Impri	nt / Data Protection	Policy / Disclaimer

Next, you have to enter some personal details:



	TRADING	de en
	HUB EUROPE	Customer Portal
2	keep in balance	Admission
← @ Home		Personal data
Existing user:	□ Yes ⑦	
Email *:		
Title:	No title	⊽
First name *:		
Last name *:		
Salutation *:	OMr	O Ms
Language *:		4
Phone *:	♥ (0)	
Mobile:	♥ (0)	
Fax *:		
< Back		📋 11 🗸 Apply for admission
	Contact: service@tradinghub	eu
	Trading Hub Europe, 2021 / Imprint / Data Protec	tion Policy / Disclaimer

Please note: If you already have a valid user account and would like to register a new company or apply for access to an already registered company, you can select "Existing user" in the personal online admission form. You then only have to enter the already registered e-mail address under the personal data. This will enable THE to assign the new company to your existing account once all the necessary registration documents have been received.

· · · · · · · · · · · · · · · · · · ·		de en		
	HUB EUROPE	Customer Portal		
	keep in balance	Admission		
🗕 🔶 Home		Personal data		
Existing user:	🗹 Yes 🕐			
Email *:				

When the registration form has been fully and correctly completed, you will receive an email confirming receipt of your application for admission.



THE will then verify the data provided in the form and you will receive a separate e-mail specifying the documents you need to submit to complete the admission process.

As soon as you have submitted the requested documents in full and THE has successfully completed its review, you will be informed about the activation of your account and the corresponding access data will be sent to you by e-mail. Please change the initial password when you log in to the Customer Portal for the first time. Once you have activated your account you can then use the functions of the Customer Portal.

Important: If the user and/or company data you provided during registration have changed, please make the relevant changes in the menu item "<u>Customer Self Care</u>" when you log in for the first time. This is the only way THE can guarantee a smooth process for invoicing, sending market information or general queries.

3 General information about the Customer Portal

By clicking on your login name you can

- change your password
- change the language (German/English)
- log out of the Customer Portal



If you have any questions about the Customer Portal, please contact <u>service@tradinghub.eu</u>. You will also find this contact address to the left of your login name.





The menu on the left-hand side of the Customer Portal can be collapsed with a click on the double arrow $\,\,$. Click on the double arrow $\,$ to expand the menu.

11	Customer Portal
ជា	Home
Ø	Customer Self Care
E <	Balancing Group Contracts
53	Approval of Linking
⊞	Data Portal >
<u>8</u> 1	Contact Persons Allocation & Clearing
<u>1</u>	Biogas Flexibility Transfer

益 Imprint		
^O ⊕ Data Protec	tion Policy	
(i) Disclaimer		
	«	دالس

3.1 Authorisations in the Customer Portal

The Customer Portal allows THE to assign different authorisations to a user. In principle, these authorisations apply to all assigned companies.

Please note that the first user of a newly admitted Balancing Group Manager basically applies for and receives all authorisations, e.g. to be able to conclude balancing group contracts. For further users, the authorisations can be applied for individually as part of the process of admission to the Customer Portal. For this purpose, the user will be provided with the corresponding form to be signed after the online admission application has been completed.

Authorisations can be granted for the following functions:

• Maintenance of company master data: Maintenance of master data of the company/ies for which the user is authorised.



 Conclusion and administration of balancing group contracts/balancing group structures:

Conclusion and termination of balancing group contracts as well as creation and termination of balancing group links.

• Data portal reading rights:

Viewing balancing group data (declarations and allocation data), ordering reports, and viewing requested clearing numbers within the scope of allocation data clearing.

• Data portal write right:

Viewing balancing group data (declarations and allocation data), ordering reports and applying for a clearing number as part of the allocation data clearing process.

• Biogas flexibility exchange:

Managing the exchange of biogas flexibilities between biogas balancing groups.

A user with all authorisations will see the following menu:

H	Customer Portal
ជា	Home
Ø	Customer Self Care
	Balancing Group Contracts
움	Approval of Linking
⊞	Data Portal >
ß≡	Contact Persons Allocation & Clearing
<u>4-0</u>	Biogas Flexibility Transfer

The menu item "<u>Contact Person for allocation & clearing</u>" is available to every user, regardless of the authorisations. Here, the contact persons for allocation & clearing processes can be viewed by Balancing Group Managers and Network Operators.

4 Master data

In the Customer Portal, each user can edit their personal user data and – if authorised – the master data of the assigned companies. The master data can be viewed and edited via the "<u>Customer Self Care</u>" menu item.



😦 Customer Portal					Welcome to the Customer Portal of THE	3 Contact: Service@tradinghub.eu	음 Test User	BKV4 E⊅
යි Home	Customer Self Care	-						
Customer Self Care								_
Balancing Group Contracts	Email:	tert blu i	uetr:	rdinghuh eu		Assigned companies		_
움 Approval of Linking	Titler	no title	10.11			Name	Role	
Data Portal >	The.	Test				Test_BKV_04 (THE)	BGM	Ø
	First name 1:	Test						
[89] Contact Persons Allocation & Clearing	Last name *:	UserBKV4						
🗃 Biogas Flexibility Transfer	Biogas Flexibility Transfer Salutation *:		. ⊙ Ms.					
	Language *:	English			♥			
	Phone *:	+49	(0)	89	1111111120			
	Mobile: +49 • (0) 89 1111111121							
	Eav *·	+40 5	(0)	00	1111111122			
	Pox .	449 - (0) 03 11111122				Assigned user rights		
	Data Protection:	We process registration	your and c	contact detai	Name			
		General Da	ta Pro	tection Regul	ation, "performance of a contract") under the Portal Terms of Use. By entering your data you confirm that you have	Data portal		
		read the <u>document</u> .				Biogas flexibility		
						Balancing group contracts		
						moster data		_
窟 Imprint								
Ap Data Protection Policy								
(i) Disclaimer								_
«	Change password							✓ Save

4.1 Changing personal master data

User data with a grey background cannot be edited by the user. If you wish to make changes to these data, please contact THE. To change master data that can be edited, click in the desired field, enter the change and then click save.

The form field to the left of the Save button shows the mandatory field validation and will prompt you to enter more details if you have not completed all mandatory fields.

Below the user data, you can click on ^{Change password} to change the password.

In the right-hand area next to the user data, the company to which you are assigned is shown. If you are assigned to several companies, e.g. due to several service relationships, the corresponding companies are listed below each other.

Below the company, the screen shows the authorisations the user has applied for and received as part of its authorisation process.

4.2 Changing company master data

Clicking on the pencil icon next to the company name enables you to view the company master data and, with the relevant authorisation, to edit it.

🕾 Assigned companie	es	1
Name	Role	
Test_BKV_04 (THE)	BGM	Ø



When you click on the pencil icon, another tab with the company data will open to the right of the master data tab:

Customer Self Care	3		
😨 Master data 🏾 🎓 Test	_BKV_04 (THE) ×		
Company *:	Test_BKV_04 (THE)		0
	Please check if further data is still correct.		
Company registration No. *:	HRB 12345		
VAT ID *:	CHE-000.090.004		
ACER code *:	AXX90004K.UK		
Name of the service provider:			
i≡ Market Partner C	odes *		
DVGW code: 980	9000400099	GLN code:	
橙 Contact Persons	η		
- 티옴 Contact perso	on Contract ①	— 曰 음 Con	tact person Market information emails ①
Name *: AP Vertra	ag	Name *:	AP Marktinformation
Phone *: +49	♥ (0) 30 12345	Phone *:	+49 🗢 (0) 30 54321
Email *: apvertra	g@tradinghub.eu	Email *:	apmarktinfo@tradinghub.eu
— 🗆 🕾 Contact perso	on VTP ①	— 티 음 Con	tact person 24/7 VTP ①
$\mathcal C$ Reset			📋 🗸 Save

Fields that cannot be edited by the user have a grey background. If you wish to make changes to any of these fields, please contact THE.

To change the master data that can be edited, simply click in the desired field, enter the change and click on \checkmark save.

If you have to undo changes made to the user/company data, you can cancel the editing process by clicking on Creset. This will restore the original status of the master data.

The form field to the left of the Save button shows the mandatory field validation and will prompt you to enter more details if you have not completed all mandatory fields.

4.2.1 Changing contact persons

When changing contact persons, please note that the changes will only be permanent after the contact person has agreed to them. The old contact person data will remain valid until approval has been given. If the changed contact person does not agree within 14 days, the change request is automatically rejected.





You can return to the user data by closing the company data tab or by clicking on the master data tab.

4.2.2 Changing Email for PDF invoices

The email address for sending invoices via PDF can be changed in the company master data at the "Contact person Invoicing". You can only enter one email address. After the email address has been entered, the change must finally be saved.





5 Balancing group contracts

If you are authorised to conclude and terminate balancing group contracts and to manage balancing group structures, you can use the menu items "<u>Balancing group</u> <u>contracts</u>" and "<u>Approval of Linking</u>" in the Customer Portal.

The "Balancing group contracts" menu item is divided into the following areas:

- Balancing group list
- Details (of the balancing group contract called up)
- Linking arrangements
- Balancing group portfolio

Balancing group list	٥	 Balancing group cor 	ntract - THE0BBH	690230000			
Balancing group search	×	Details	٥	% Linking arrangements	٥	A Balancing group portfolio	٥

The areas can be expanded or collapsed using the arrows $\sqrt[a]{b}$.

5.1 Balancing group list

P Palanaina Group Contracto

In the "<u>Balancing group list</u>" section, the balancing group contracts you have concluded and the balancing subgroups are displayed with their status (valid, valid from future date, terminated). The balancing subgroups are indented. Above the listed BGs/BSGs there is a search field which you can use to search for balancing group codes.



Balancing Group Contracts

Balancing group list			٥
Balancing group search			×
Balancing group 1	Туре	Status	
Test_BKV_04 (THE)			
THE0BBH690230000	BG	Valid	
THE0BBH690230001	BSG	Valid	
THE0BBH690230002	BSG	Valid	
THE0BBH690230003	BSG	Valid	
THE0BBH690230004	BSG	Valid	
THE0BBH690230005	BSG	Valid	
THE0BBL690240000	BG	Valid	
THE0BBL690240001	BSG	Valid	
THE0BBL690240002	BSG	Valid	
THE0BBL690240003	BSG	Valid	
THE0BBL690240004	BSG	Valid	
THE0BBL690240005	BSG	Valid	
THE0BDH690210000	BG	Valid	
THE0BDH690210001	BSG	Valid	
THE0BDH690210002	BSG	Valid	
THE0BDH690210003	BSG	Valid	
THE0BDH690210004	BSG	Valid	
THE0BDH690210005	BSG	Valid	
THE0BDL690220000	BG	Valid	
THE0BDL690220001	BSG	Valid	
THE0BDL690220002	BSG	Valid	
THE0BDL690220003	BSG	Valid	
THE0BDL690220004	BSG	Valid	
THE0BDL690220005	BSG	Valid	
THE0BEH690190000	BG	Valid	

5.2 Conclusion of balancing group contracts

Below the balancing group list you can conclude balancing group contracts and balancing subgroups by clicking on "Conclusion of new balancing group contract".

+ Conclusion of new balancing group contract

Please use the input mask that appears in order to select the desired parameters of the contract to be concluded.

•	–	TRADING HUB
		EUROPE keep in balance

Balancing group control	ract		
Details			۵
Company name:	Test_BKV_04 (THE)		⊽
Contract type:	O Balancing group	O Balancing subgroup	
Gas quality:	O H gas	O L gas	
Biogas:	O Yes	O No	
Capacity type:	O FZK ()	O dzk 💿	
Undiscounted capacity tariff:	🗌 Yes 🕲		
VTP access:	⊖ Yes	O No.	
Valid from:	i (7)		
I accept the <u>Balancing Group C</u>	Contract Terms & Conditions		

Company name	The company name is automatically displayed here. If you are assigned to several companies in the portal (e.g. due to service relationships), the company for which you want to conclude the contract must be selected here.
Contract type	In this field you must specify whether a balancing group contract or a balancing subgroup is to be concluded.
Associated BG	If a balancing subgroup is to be concluded, one of your currently valid or future balancing group contracts must be selected here.
Gas quality	Select the gas quality (H-gas or L-gas) for which the contract is to be concluded.
Biogas	Here you must select whether the new balancing group contract is a balancing group for biogas. If "No" is selected, a natural gas balancing group contract is concluded.
Capacity type	The capacity type FZK (freely allocable capacity) or DZK (dynamically allocable capacity) must be selected here. Explanations of the capacity types appear when you move the mouse pointer over the corresponding question mark symbol. If DZK is selected, the DZK type must also be selected.
Undiscounted capacity tariff	By selecting this parameter, you conclude a separate BG/BSG contract for adding only entry and/or exit points at gas storage facilities connected to the market area of another state, which are exclusively subject to an undiscounted capacity charge.
VTP access	No individual selection can be made here, as balancing group contracts with the capacity type FZK automatically receive access



to the VTP, while balancing group contracts with the capacity type DZK do not receive access to the VTP.

Valid from This field determines the date from which the contract is to be valid.

When a balancing group contract/balancing subgroup account is concluded, there is an implementation period of 10 business days, which means that it will take at least 10 business days after the conclusion of the contract before the contract is activated. The earliest possible start date will be shown to you for selection.

When a new balancing group contract or balancing subgroup account is concluded, the contractual terms and conditions must be accepted. When a biogas balancing group contract is concluded, the "Supplementary Energy Balancing Provisions for Biogas (Appendix to the Balancing Group Contract Terms & Conditions)" must also be accepted.

If the input mask has been fully and correctly completed, the save button appears so that the balancing group contract can be finally concluded.

If the Balancing Group Manager concludes both H-gas and L-gas balancing group contracts with the capacity type FZK within the market area, these must be connected with each other in the "<u>Linking arrangements</u>" section. This means that in this case only one balancing group contract at most may be managed as a master balancing group.

5.3 Details

The "Details" section shows information and parameters for the relevant BG/BSG selected in the balancing group list. The parameters can no longer be adjusted after the contract has been concluded and are therefore greyed out. However, you can give your consent to publication as a THE VTP trader on the THE website or withdraw your consent here.

If the balancing group was taken over from the NCG or GASPOOL market areas, the old balancing group code ("Balancing group old") is also displayed in the Details section.



③ Balancing group contract	- THE0BBH690230000		
Details			٥
Balancing group:	THE0BBH690230000		
Balancing group old:			
Company name:	Test_BKV_04 (THE)		♥
Contract type:	Balancing group	O Balancing subgroup	
Gas quality:	⊛ H gas	Olgas	
Biogas:	(ii) Yes	() No	
Capacity type:	● FZK ⑦	○ dzk ⑦	
Undiscounted capacity tariff:	🗍 Yes 🗇		
VTP access:	(i) Yes	○ No	
I hereby agree for my data to be pu	iblished as trading participant at the THE VTP on the <u>THE we</u>	bsite. @	
Valid from:	01.12.2020 🗰 💿		
Valid until:	01.10.2035		

Click on ^{O Termination} to terminate the selected contract. A pop-up window will open. Here you can enter the desired termination date. The earliest possible termination date is specified in the calendar.

Note: A balancing group contract can be terminated with three months' notice to the end of the month. In addition, there must be no valid balancing group links in place at the time of termination. Please note that all associated balancing subgroup accounts are also terminated when the balancing group is terminated.

⊖ Terminatio	n	×
📃 🖹 Termina	tion balancing group cont	ract
Please choose ti contract THE0Bi subgroup accou respective balar Please note: Th with a notice pe	he termination date for the bala BH690230000. Please be advise ints will also be closed, if you te ncing group. is balancing group contract may riod of three months to the end	ancing group d, all balancing rminate the / be terminated i of the month.
Valid until:	01.10.2035	
		action X Cancel

Termination

If you select the termination date 01.10.2021, the pop-up window expands and you can select a succeeding balancing group from your valid balancing groups. This entry is optional and for information only. The new allocation of market locations to the BG/BSG must still be carried out via the regular GeLi Gas master data change process (UTILMD).

🖹 😔 Save



Note: The succeeding balancing group will also be visible in the mapping list on the THE website and in the BG details in the Customer Portal.

Termina	tion balancing group contract he termination date for the balancing group FH690190000. Please be advised, all balancing ints will also be closed, if you terminate the ning group.
Please note: Th vith a notice pe	is balancing group contract may be terminated riod of three months to the end of the month.
/alid until:	01.10.2021
You can optiona valancing subgr valancing group valancing group valancing subgr Sas change pro Please note: Th ncluded in the value	ally select an existing balancing group contract/ oup account you want to replace the terminated account with in the new market area THE. Please try is for informational purposes only. The rket locations to new balancing group contracts/ oup accounts has to be set via the regular GeLi cess for master data (UTILMD). e succeeding balancing group contract will be mapping list published on the THE website.
You can optiona oualancing subgr obalancing group onte that this er olalancing subgr of the subg	ally select an existing balancing group contract/ oup account you want to replace the terminated account with in the new market area THE. Please try is for informational purposes only. The ricket locations to new balancing group contracts/ oup accounts has to be set via the regular GeLi cess for master data (UTILMD). e succeeding balancing group contract will be mapping list published on the THE website.
You can optiona oblancing subgroup oblancing group ote that this er allocation of ma oblancing subgr Gas change pro Please note: Th ncluded in the i succeeding valancing group contract:	Ally select an existing balancing group contract/ ioup account you want to replace the terminated account with in the new market area THE. Please try is for informational purposes only. The rket locations to new balancing group contracts/ ioup accounts has to be set via the regular GeLi cess for master data (UTILND). e succeeding balancing group contract will be mapping list published on the THE website.
You can optiona avalancing subgr valancing group iote that this er valancing subgr Sas change pro Please note: The ncluded in the r succeeding valancing group contract:	Ally select an existing balancing group contract/ ioup account you want to replace the terminated baccount with in the new market area THE. Please try is for informational purposes only. The rket locations to new balancing group contracts/ ioup accounts has to be set via the regular GeLi cess for master data (UTILMD). e succeeding balancing group contract will be mapping list published on the THE website. Please select. THEOBFH990070000 THEOBFH990070001
You can optiona alancing subgr palancing group note that this er lilocation of ma palancing subgr Sas change pro Please note: Th nucluded in the r succeeding valancing group contract:	Ally select an existing balancing group contract/ oup account you want to replace the terminated b account with in the new market area THE. Please try is for informational purposes only. The rket locations to new balancing group contracts/ oup accounts has to be set via the regular GeLi cess for master data (UTILMD). e succeeding balancing group contract will be mapping list published on the THE website. Please select. THEOBFH990070000 THEOBFH990070001
You can optiona balancing subgr balancing group balancing group balancing subgr Sas change pro Please note: Th ncluded in the in cucceeding balancing group contract:	ally select an existing balancing group contract/ oup account you want to replace the terminated account with in the new market area THE. Please try is for informational purposes only. The rrket locations to new balancing group contracts/ oup accounts has to be set via the regular GeLi cess for master data (UTILMD). e succeeding balancing group contract will be mapping list published on the THE website.
You can optiona Jalancing subgr Dalancing group note that this er Jallocation of the Dalancing subgr Sas change pro Please note: Th ncluded in the Succeeding Jalancing roup contract:	Ally select an existing balancing group contract/ oup account you want to replace the terminated account with in the new market area THE. Please try is for informational purposes only. The ricket locations to new balancing group contracts/ ioup accounts has to be set via the regular GeLi cess for master data (UTILMD). e succeeding balancing group contract will be mapping list published on the THE website.

A selected succeeding BG can only afterwards be changed via THE.

5.4 Linking arrangements

In the "<u>Linking arrangements</u>" area, balancing group links (starting from the lower-level balancing group) to a higher-level balancing group can be created, edited and terminated. In addition, links already created for the lower-level balancing group are displayed with the following information: higher-level balancing group (code), start date, end date and percentage share.

5.4.1 Creating a link

A balancing group link can only be created by the Balancing Group Manager whose

balancing group is to become a lower-level balancing group. Via the **+** New balancing group linking button, a link from the selected balancing group (from the balancing group list on the left) to another (higher-level) balancing group can be created.

Consequently, the higher-level balancing group as well as the start date and end date of the link must be entered on the relevant screen. The percentage of the link is preset to 100%, but can be adjusted if a balancing group is to become a lower-level balancing



group up to a certain percentage only. A balancing group can be subordinated to one, but not more than four balancing groups.

If a link to several higher-level balancing groups (proportional allocation) is to be made, the corresponding linking ratio and further higher-level balancing groups must be selected by means of repeated clicks on + New balancing group linking atio must always total 100%.

Please note that a link must be valid for a minimum period of one month.

Balancing group list		٥	(i)	Balancing group con	stract - THE0BFL990080000				
Balancing group search X			Þ	Linking arrange	ments				
Balancing group 1	Туре	Status		In order to set up a linkin	g for whole months please make the following selection:				
THE0BFL690200001	BSG	Valid	Det	Example: Linking arrange					
THE0BFL690200002	BSG	Valid	ails	Enter "Valid from": 01-11	xampie: Linking arrangement to apply for the months November and December 2020: nter "Valid from": 01-11-2020				
THE0BFL690200003	BSG	Valid		Enter "Valid until": 01-01-	2021 (not 31-12-2020!)				
THE0BFL690200004	BSG	Valid		New balancing a	roun linkings				
THE0BFL690200005	BSG	Valid		New balancing §	group mixings				
THE0BFL690200006	BSG	Valid							
THE0BFL690200007	BSG	Valid		Higher-	Linking 100	% 🗘			
THE0BFL690200008	BSG	Valid		balancing					
THE0BFL690200009	BSG	Valid		group:					
THE0BFL690200010	BSG	Valid		Valid from:	Malid until:				
THE0BFL690200011	BSG	Valid							
THE0BFL690200012	BSG	Valid							
THE0BFL690200013	BSG	Valid	D	>		III Delete			
THE0BFL690200014	BSG	Valid							
THE0BFL690200015	BSG	Valid		+ New balancing group	o linking				
THE0BFL690200016	BSG	Valid							
THE0BFL690200017	BSG	Valid		I accept the Agreemen	nt on the Linking of Balancing Groups				
THE0BFL690200018	BSG	Valid							

If all information has been filled in completely and correctly, the \checkmark save button for saving the link appears.

The Delete button can be used to discard information that has not yet been saved.

If a link to a higher-level balancing group of another Balancing Group Manager has been created, this Balancing Group Manager must agree to the new link. As long as the other Balancing Group Manager has not agreed to the newly created link, the new link remains in the approval process and cannot be edited. Approval is not required if you connect balancing groups of companies assigned to you.



ple: Linking a	a linking for whole months please make th rrangement to apply for the months Nove 01-11-2020	e following selection: mber and December 2020:	
"Valid until":	01-01-2021 (not 31-12-2020!) It is not possible to make ch	anges because there are linkings in the approval process.	
Linking arr	angements - pending		
		Linking ratio: 100	%
Higher- level balancing group:	THE0BBH009690000		

The status of the link for future active links automatically changes from "Acceptance open" to "Accepted" as soon as the Balancing Group Manager of the higher-level balancing group has approved the link via the menu item "<u>Approval of Linking</u>".

Note: When creating/changing a balancing group link, an implementation period of 10 business days must be observed. This means that there must be at least 10 business days between the conclusion of the contract and the activation.

5.4.2 Modifying and deleting a link

A change can be made to active links as well as links that will be active in the future (if they have the "Accepted" status). If these are links to a higher-level balancing group of a BGM not assigned to you, the latter must first give its consent if the link is to be extended. In the case of a premature termination of the balancing group link, consent is

not required. Every change needs to be confirmed via the save button.

In addition, a link starting in the future (which has the "Accepted" status) can be selected

for deletion via the button. In order to confirm the deletion, press the save button.

Note: Three and six weeks before the end date of a balancing group link, an automated reminder e-mail is sent to the Balancing Group Managers involved (higher-level and lower-level Balancing Group Managers). This e-mail will make reference to the link that is about to expire. This e-mail is sent to all portal users with authorisation to manage balancing group contracts of the involved BGM.



5.5 Balancing group portfolio

In the "<u>Balancing group portfolio</u>" section, the balancing group links are displayed graphically. Here, balancing group links are displayed starting from the selected balancing group to higher-level and lower-level balancing groups.

Your own balancing groups are shown in yellow. Balancing groups of a third-party Balancing Group Manager are shown in grey.



A dashed connecting line between balancing groups means that a link has already been created but is not yet active due to the start date in the future and may not yet have been approved. A green connecting line means that the link is active.

You can display links from the past that have already been terminated by ticking Show terminated linkings Terminated links are indicated by a grey connecting line.

Keeping the mouse pointer on a connecting line will flag up information on the relevant link (start and end date, linking ratio, status of approval) via tooltip.





6 Approving BG links

A new or an extension of a balancing group link must be approved by the Balancing Group Manager of the next higher-level balancing group, unless the requesting user is assigned to both companies involved.

The Balancing Group Manager of the higher-level balancing group is informed by e-mail if a new link or the extension of an existing link has been requested by the Balancing Group Manager of the lower-level balancing group. This e-mail is sent to all users who are authorised to conclude and manage balancing group contracts/links. The approval or rejection of a new link or an extension of a link must be made in the menu item "<u>Approval of Linking</u>".

If a link is to be approved/rejected, the task is shown in the menu item "<u>Approval of Linking</u>".

E Customer Portal	-		lltext search in Monitor	() Welcome to the Customer Portal of	THE < 🖸 Con	act: <u>Service@tradinghub.eu</u> <u></u>	Test UserBKV5 🚯 🚨 🗢
යි Home	Ph.	Approval of Linking					⊞ Datasets: 1 ♀ Filter: 0
2 Customer Self Care		-				-	I≢ Sorting: 0
	¢	Task	Description	Own Company	Applicant	Start	Expiration
Balancing Group Contracts	0						
움 Approval of Linking		Approval is necessary	Please approve the balancing group linking	Test_BKV_05 (THE)	Test_BKV_04 (THE)	20.05.2021 09:23:14	08.06.2021 00:00:00
I Data Portal >							
图 Contact Persons Allocation & Clearing							
₱ Biogas Flexibility Transfer							

The task remains in the "to be approved/rejected" status for 10 business days from the time of creation. If the task is not processed within this period, it is automatically rejected. The link is therefore not made and must be requested again if necessary.

Double-clicking on the task will open a new window in which further details on the new link/extension (balancing group codes affected, applicant, creation time, start and end date of the link, percentage linking ratio) can be viewed.

Applicant	
Company	Tast DVU 04 (THE)
company.	TESC_DR.V_04 (TTE)
DVGW code:	9809000400099
User:	Test UserBKV4
Date:	2021-05-20 09:23:14
New linking	THE0BFH690250000
Subordinate balancing group:	THE0BFL990080000
Start of linking:	2021-10-01 06:00:00
End of linking:	2021-11-01 06:00:00
Linking ratio in %:	100
Reason for refusal	

After approval or rejection of the link, the task is automatically removed. If the link is rejected by the higher-level Balancing Group Manager, the latter must also provide a reason for the rejection.

Provided you connect your own balancing groups with each other, i.e. the higher-level balancing group is your own balancing group, the intermediate approval step is not required. Approval is also not required if you have access to the balancing groups of the higher-level Balancing Group Manager in the portal, e.g. due to an existing service relationship. In this case, you will not receive a task for these links in the menu item "Approval of Linking".

TRADING HUB EUROPE keep in balance



7 Contact person for allocation & clearing

The menu item "<u>Contact person for allocation & clearing</u>" is available to every user, regardless of the authorisations. Here, the contact persons for the allocation & clearing processes of Balancing Group Managers and Network Operators can be viewed. The list can be searched via the search bar. You can also click on the column header to sort a desired column in ascending or descending order.

Customer Portal	THE MANNA Q Fulltext search in Monitor		(i) We	come to the Customer Portal of THE		e@tradinghub.eu 🐣	Test UserBKV5	☞ 쑈 ▾ >		
요 Home	R	E CP Allocation & Clearing								
Customer Self Care	B	IF So Bilandkreisverantwortlicher / Balancing Group Manager Netzbetreiber / Network Operator								
Balancing Group Contracts	Φ	Name des Unternehmens/Company Name 🏹	DVGW-Code/DVGW Code	Ansprechpartner/Contact Person Telefon/Phone Number E-Mail-Adresse/Email Address						
궁 Approval of Linking	۲	test_								
Data Portal >		Test_NB_01 (NB)	9879000500099	CP EDM 1	+49 (0)30 67890	cpedm1@tradinghub.	.eu			
		Test_NB_04 (NB)	9879000800099	CP EDM 4	+49 (0)30 123456	cpedm4@tradinghub.	.eu			
SE Contact Persons Allocation & Clearing		Test_NB_02 (NB)	9879000600099	CP EDM 2	+49 (0)30 673245	cpedm2@tradinghub.	.eu			
🖶 Biogas Flexibility Transfer		Test_NB_03 (NB)	9879000700099	CP EDM 3	+49 (0)30 987654	cpedm3@tradinghub.	.eu			



8 Data Portal

In the Data Overview section of the Data Portal, you can click on "Help" (at the very bottom) for a page showing details about the data series types displayed in the Data Portal, which are explained here.

E Customer Portal	TRADING HUB Test_BKV_04 (THE) -	BGM 🗢	Welcome to the Customer Portal of THE Contact: Service@tradinghub.eu 26 Test UserBKV4								
යි Home	III Data Overview										
Customer Self Care Balancing Group Contracts	From 08/2021 To* 09/2021 SAAKKI										
- Approval of Linking	Balancing group key data	Time series type	Description								
a a Approval of Linking	III Allocation data	+BIOFLEX (BP)	Flexibility limits after exchange. Available as a balancing period value. The value is also conversed into a daily profile.								
E Data Portal >	III Allocation data overview (incl. SBGs	+BIOFLEX (BP) BEFORE (BP)	Flexibility limits before exchange. Available as a balancing period value. The value is also conversed into a daily profile.								
89 Contact Persons Allocation & Clearing	Balancing periods values	-BIOFLEX (BP)	Flexibility limits after exchange. Abailable as a balancing period value. The value is also conversed into a daily profile.								
E condect ersons Anotation & cleaning	Quantities balancing group constru-	-BIOFLEX (BP) BEFORE (BP)	Flexibility limits before exchange. Abaitable as a balancing period value. The value is also conversed into a daily profile.								
🖴 Biogas Flexibility Transfer	III Choice of data series type	-BKTOL (H/D)	Data series specifying the tolerances available for a BG under the within-day obligation rules as calculated on the basis of the hourly allocations								
	THEOBBH690230001		recorded for the customer groups 'RLMmT' (after conversion to flat allocation profile) and 'RLMoT' (actual structured allocation profile), with these allocations being based on the applicable balancing CV. Available as hourly and daily value.								
	THEOBBH690230002	-BKTOLnach (H/D)	Data series specifying the total tolerances available for a BG, including the tolerances received from all SBGs linked to the BG in question.								
	THEOBBH690230003		Available as hourly and daily value.								
	THEOBBH690230004	AE (negativ) (D/M)	Negative imbalances. Available as daily and monthly value.								
	THEOBBH690230005	AE (positive) (D/M)	Positive imbalances. Available as daily and monthly value.								
	C 9 THEOBBL690240000	Acquiring balancing group (BP)	Recipient of flexibility								
	HE0BDH690210000 (DZKR)	BIOFLEXSALD (neg) (D)	Data series specifying the daily imbalance quantities falling outside the available flexibility range as determined under the energy balancing								
	THEOBDL690220000 (DZKN)		rules applicable to blogas balancing groups, with all relevant quantities being based on the applicable billing CV. Available as daily value.								
	THEOBFH690190000	BIOFLEXSALD (pos) (D)	Data series specifying the daily imbalance quantities falling outside the available flexibility range as determined under the energy balancing rules applicable to blogas balancing groups, with all relevant quantities being based on the applicable billing CV. Available as daily value.								
	THEOBFH990070000	BIOKONVHL (D/M)	Data series specifying the quantities to be converted from high CV quality to low CV quality under the virtual gas quality conversion mechanism								
	HEOBFL690200000		as determined on the basis of the applicable billing CV at the end of each biogas balancing period. Available as daily and monthly value.								
會 Imprint	C & THEOBFL990080000	BIOKONVLH (D/M)	Data series specifying the quantities to be converted from low CV quality to high CV quality under the virtual gas quality conversion mechanism as determined on the basis of the applicable billing CV at the end of each blogas balancing period. Available as daily and monthly value.								
	• (# INEPERM800090000	BKENTRYGESAMT (H/D/M)	Total input with VTP. Available as hourly, daily and monthly value.								
Ap Data Protection Policy	V Help	BKENTRYGESAMTNACH (H/D/M)	Total input with VTP (incl. BSG, Sub-BSG und uBG). Available as hourly, daily and monthly value.								
(i) Disclaimer		BKEXITGESAMT (H/D/M)	Total takeoff with VTP. Available as hourly, daily and monthly value.								

Apart from the display function, the Data Overview has an export function for all charts and tables provided. Clicking on EXPORT allows you to export the charts in tabular form as an Excel and/or CSV file.

🗷 Customer Portal	THE TRANSPORT TEXT BRV_04 (THE) - BGM • ① Welcome to the Customer Portal of THE
බ Home	E Data Overview
🖉 Customer Self Care	
Balancing Group Contracts	From 03/2021 To* 04/2021 SEARCH
중 Approval of Linking	■ 7 THEOBRH090230000 ▲ < <
	Balancing group balance (THEOBBH690230000) Balancing group balance (THEOBBH690230000) Checking group balance (THEOBBH690230000) Solution of the series type Balancing group balance (THEOBBH690230000) Balancing group bay data Solution of the series type Balancing group balance (THEOBBH690230000) Solution of the series type Balancing group bay data Solution of the series type Solution
실p Data Protection Policy ① Disclaimer	Cover g
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8.1 Natural gas charts

The Data Overview also allows you to view the details of your balancing groups as charts. A total of five different charts are available for natural gas balancing groups.

8.1.1 Balancing group balance

E Customer Portal	Test_BRAVe Test_BRV_04 (THE) · BGM	e@tradinghub.eu 🖉 Test UserBKV4 🕅
G Home		
© Home Customer Self Care Balancing Group Contracts Approval of Unking Data Pertal> Contact Persons Allocation & Clearing C Contact Persons Allocation & Clearing C Biogas Rexibility Transfer I Biogas Rexibility Transfer	Image: Data Overview Firem 04/2021 10* Image: Data Overview 10* <th>ENTITYSUM (U/D/M) EXTISAM (U/D/M) EXCALD (U/D/M) EXSALD ABY (U/D/M)</th>	ENTITYSUM (U/D/M) EXTISAM (U/D/M) EXCALD (U/D/M) EXSALD ABY (U/D/M)
20 Data Protection Policy ① Disclaimer	C # THEORDHROOZLOODO (DZM) OLOB 2021 04 08 2021 07 08 2021 10 08 2021 13 08 2021 10 08 2021 22 08 2021 23 08 2021 28 08 20	21 31.08.202 Defort -

What is displayed here are the total inputs (ENTRYSUM), offtakes (EXITSUM), the balancing group balance (BKSALD (Bil.)) that is relevant for the calculation of daily imbalance charges, as well as the balancing group balance including the RLM quantity difference (BKSALD (Abr.)) – initially shown as daily values (D) when a month or more than one month is selected. Hourly values can be selected in the display for a maximum period of one month.

Important: The data export for a maximum period of one month always contains only the hourly values, not the daily values. It is not possible to export daily values for one single month.



8.1.2 Balancing group values (month)



What is displayed here are the balancing group balances that are subject to daily imbalance charges (BKSALD (Bil.)), the balancing group balances that are subject to daily imbalance charges including the balances from subordinate balancing groups (BKSALDNACH (Bil.)), the daily imbalance quantity from the undersupply (negative daily imbalance quantity) and the daily imbalance quantity from oversupply (positive daily imbalance quantity), the quantities subject to RLM and SLP charges including SBGs (RLMUML, SLPUML), the RLM quantity differences (BKRLMDIF), the RLM quantity differences including SBGs (BKRLMDIFnach), the balancing group balances including RLM quantity differences (BKSALD (Abr.)), the balancing group balance including RLM quantity differences and the balances from subordinate balancing groups (BKSALDNACH (Abr.)) and the cumulative sum of the absolute values of the hourly imbalance quantities falling outside the tolerance limits available under the within-day obligation rules including subordinate balancing groups (BKFLEXnach). All of these values are also shown as monthly values and can be exported.



8.1.3 Within-day obligations



This chart shows the tolerance for within-day obligations (BKTOLnach, -BKTOLnach) and the financial flexibility quantity (BKFLEXnach), each including the tolerance overruns from any subordinate balancing groups. The values are initially shown as daily values (D) when a month or more than one month is selected. Hourly values can be selected in the display for a maximum period of one month.

Important: The data export for a maximum period of one month always contains only the hourly values, not the daily values. It is not possible to export daily values for one single month.

8.1.4 Conversion





This is where the conversion quantity in both directions (KONVHL, KONVLH) and the balancing group balance for H-gas and L-gas (HSALD, LSALD) (each including the SBG) as well as the quantity subject to conversion charges including the SBG (KONVUM) are shown. All values are displayed as monthly values and can be exported.



8.1.5 Free selection of data series

This is where you can create your own charts for the data series selected. A maximum of 10 data series types can be selected at any one time. Each selection may be exported.

The following data series are available:

• Hourly values:

BKFLEX, BKFLEXNACH, BKKUM, BKKUMNACH, BKRLMDIF, BKRLMDIFNACH, BKSALD (ABR.), BKSALD (Bil.), BKSALDNACH (ABR.), BKSALDNACH (Bil.), ENTRYH2, ENTRYSO, EXITSO, HSALD, LSALD, RLMMTB (ABR.), RLMMTB RLMOT (ABR.), RLMOT, SLPANA, SLPSYN, VHPENTRY, VHPENTRYNACH, VHPEXIT, VHPEXITNACH

• Daily values:

Daily Imbalance Quantity (AE) negative, Daily Imbalance Quantity (AE) positive BKFLEX, BKFLEXNACH, BKRLMDIF, BKRLMDIFNACH, BKSALD (ABR.), BKSALD (Bil.), BKSALDNACH (ABR.), BKSALDNACH (Bil.), ENTRYH2, ENTRYSO, EXITSO, HSALD, LSALD, RLMMTB (ABR.), RLMMTB, RLMOT (ABR.), RLMOT, SLPANA, SLPSYN, VHPENTRY, VHPENTRYNACH, VHPEXIT, VHPEXITNACH

• Monthly values:

BIOFLEX, -BIOFLEX, BIOFLEX VOR, -BIOFLEX VOR, BKRLMDIF, BKSALD (Abr.), BKRLMDIFnach, BKSALD (Bil.), BKSALDNACH (Abr.), BKSALDNACH (Bil.) ,



ENTRYBIO, ENTRYSO, EXITSO, RLMMTB, RLMMTB_ABR, RLMOT_ABR, RLMOT, SLPANA, RLMUML, SLPSYN, SLPUML. VHPENTRY, VHPENTRYNACH, VHPEXIT, VHPEXITNACH, KONVHL, KONVLH, KONVUM

8.2 Biogas charts

A total of four different charts are available for biogas balancing groups.

8.2.1 Balancing group balance



This chart shows – for biogas balancing groups – the cumulated balancing group balance within the bioflex framework (bio-balance cum.), the flexibility framework relevant to this biogas balancing group incl. quantities from flex swaps executed (+BIOFLEX and -BIOFLEX), the flexibility framework before the biogas flexibility swap (+BIOFLEX (BP) VOR), (-BIOFLEX (BP)VOR), the flexibility overrun from any under- and oversupply (BIOFLEXSALD (pos.)), (BIOFLEXSALD (neg.)) and the maximum utilisation of flexibility (BIOFLEXMAX). The daily values of the selected period are always shown first. However, the data export always automatically contains all values for the entire balancing period.



8.2.2 Flexibility account

E Customer Portal	NUB EUROPE	Welcome to the Customer Portal of THE Contact: Service@stradin	ighub.eu 26 Transition (0
බ Home	Data Overview		
Customer Self Care Balancing Group Contracts	From 08/2021 To* 09/20	11 E SANCI	
So Approval of Linking	Balancing group balance		
E Data Portal >	Flexibility account	240,000,000	
Contact Persons Allocation & Clearing La Glogas Rexbility Transfer	Onersion Chock of time series type If abancing group key data Bancing group key data Adaction data Adaction data Adaction data Adaction data Balancing periods values Balancing periods values	220 000 000 180 000 000 180 000 000 180 000 000 100 00000 100 000 000 100 00000 100 00000	Dio-Saldo Jaum. (D) BioFLEX.(DP) dioFLEX.(DP)
	Choice of data series type Composition Co	40.000.000	+ BIOFLEX (BP) BEFORE (BP) -BIOFLEX (BP) BEFORE (BP) BISALDABRnach (H/D/M)
	GASPOOLEHA	120,000,000	
	C 🍪 NCHB-#002/002 To0000	-140,000,000	
	C % NCHBBIO	-180,000,000 -	
-	THEOBER	-200,000,000	
Imprint Imprint	C 🥂 THEOBRA	220,000,000	
요p Data Protection Policy	O Help	01 08 2021 04 08 2021 07 08 2021 10 08 2021 13 08 2021 16 08 2021 19 08 2021 22 08 2021 25 08 2021 28 08 2021 31 08 202	
Disclaimer «			DOPORT 👻

This chart shows the cumulative balancing group balance within the bio-flex framework (bio balance cumulative), the flexibility framework relevant to this biogas balancing group including quantities from flex swaps (+BIOFLEX and -BIOFLEX), the flexibility framework before the biogas flexibility swap (+BIOFLEX (BP) VOR), (-BIOFLEX (BP)VOR), as well as the bio balancing group balance including SBG (BIOSALDNACH (Abr.)). The daily values of the selected period are always shown first. However, the data export always automatically contains all values for the entire balancing period.





This is where the balancing group balances for H-gas and L-gas (HSALD, LSALD) (each including SBG) and the quantity subject to conversion neutrality charges including SBG (KONVUM) are shown. All values are displayed as monthly values and can be exported.



8.2.4 Free data series selection



This is where you can create individual charts for the data series you have selected. A maximum of 10 data series types can be selected at any one time. Each selection may be exported.

The following data series are available:

• Hourly values:

BKFLEX, BKFLEXNACH, BKKUM, BKKUMNACH, BKRLMDIF; BKRLMDIFNACH, BKSALD, BKSALDNACH; ENTRYBIO; ENTRYSO, EXITSO, RLMMTB, RLMMTB_ABR, RLMOT_ABR, RLMOT, SLPANA, SLPSYN, VHPENTRY, VHPENTRYNACH, VHPEXIT, VHPEXITNACH

• Daily values:

BIOFLEX, -BIOFLEX, BIOFLEX VOR, -BIOFLEX VOR, BIOFLEXMAX, BIOFLEXSALD (pos), BIOFLEXSALD (neg), BKFLEX, BKFLEXNACH, BKRLMDIF, BKRLMDIF, BKSALD (Abr.), BKRLMDIFnach, BKSALD (Bil.), BKSALDNACH (Abr.), BKSALDNACH (Bil.), ENTRYBIO, ENTRYSO), EXITSO, RLMMTB, RLMMTB_ABR, RLMOT_ABR, RLMOT, SLPANA, SLPSYN, VHPENTRY, VHPENTRYNACH, VHPEXIT, VHPEXITNACH

• Monthly values:

BIOFLEX, -BIOFLEX, BIOFLEX VOR, -BIOFLEX VOR, BKRLMDIF, BKSALD (Abr.), BKRLMDIFnach, BKSALD (Bil.), BKSALDNACH (Abr.), BKSALDNACH (Bil.), ENTRYBIO, ENTRYSO, EXITSO, RLMMTB, RLMMTB_ABR, RLMOT_ABR, RLMOT, SLPANA, RLMUML, SLPSYN, SLPUML, VHPENTRY, VHPENTRYNACH, VHPEXIT, VHPEXITNACH, KONVHL, KONVLH, KONVUM



8.3 Natural gas tables

Apart from the charts, the Data Overview provides the data in tabular form. A total of six tabular presentations are available for natural gas balancing groups.

8.3.1 Balancing group figures

E Customer Portal	THE MARKE TESL BKV_04 (THE) - BGM 🔍 🛈 Welcome to the Customer Portal of THE											
යි Home	田 Data Overview											
🖉 Customer Self Care												
Balancing Group Contracts	From: 08/2021		DetCh									
- Approval of Linking	C 100000 10000	Daily values (D)	~									
88 Approval of Clinking	C % THEOBBL690240000	Date	ENTRY (H/D/M)	ENTRYBIO (H/D/M)	RLMOT (H/D/M)	RLMMTB (H/D/M)	SLPSYN (H/D/M)	SLPANA (H/D/M)	EXITSO (H/D/M)			
E Data Portal >	C (2 THEOBDH690210000 (DZKR)		[kWh]	[kWh]	[kWh]	[kWh]	[kWh]	[kWh]	[kWh]			
Contact Persons Allocation & Clearing	C (2 THEOBDL690220000 (DZKN)	01.08.2021	0	0	0	0	0	0	0			
	THEOBFH690190000	02.08.2021	0	0	0	0	0	0	0			
₽ Biogas Flexibility Transfer	THEOBFH990070000	03.08.2021	0	0	0	0	0	0	0			
	THEOBFL690200000	04.08.2021	0	0	0	0	0	0	0			
	Balancing group balance	05.08.2021	0	0	0	0	0	0	0			
	del Balancing group values (month)	06.08.2021	0	0	0	0	0	0	0			
	Within-day obligations	07.08.2021	0	0	0	0	0	0	0			
	dil Conversion	08.08.2021	0	0	0	0	0	0	0			
	Choice of time series type	09.08.2021	0	0	0	0	0	0	0			
	Balancing group key data	10.08.2021	0	0	0	0	0	0	0			
	III Allocation data	11.08.2021	0	0	0	0	0	0	0			
	Allocation data overview (incl. SBGs	12.08.2021	0	0	0	0	0	0	0			
	Quantities balancing group constru-	13.08.2021	0	0	0	0	0	0	0			
	Choice of data series type	14.08.2021	0	0	0	0	0	0	0			
	THEOBFL690200001	15.08.2021	0	0	0	0	0	0	0			
」 Imprint	THEOBFL690200002	16.08.2021	0	0	0	0	0	0	0			
≙p Data Protection Policy	THEOBFL690200003						-		*			
0	THEOBFL690200004											
U Disclaimer	theoBFL690200005	Count 31	≪ < Page	1 of 1 > >					EXPORT -			
«												

This is where the aggregated hourly, daily and monthly values of different data series types balanced in this balancing group are shown. The data series types are preset by default and cannot be selected.

The hourly and daily values can be exported while the monthly values are not available for export.



8.3.2 Allocation data

E Customer Portal	Test_BKV_04 (THE) - BGM	Contact: Service@tradinghub.eu	<v4 th="" ₿\$<=""></v4>
Ġ Home	Data Overview		
Customer Self Care	From 08/2021 🛗 To* 09/2021 🚔 55/00H		
중 Approval of Linking	D 1 The DBBH 600230000 → Daily values (D) ∨ Best Of ∨ - Please select	1 -	\sim
Data Portal >	C (2) THEOBOH(90210000 (DZKR)	Favourites - Please select - V	8 0
2 Contact Persons Allocation & Clearing	C (2) THEOBOL(600220000 (D2/M)) Month Balanoing group Grid operator Grid operator code Time serie	es Calorific Quality Sum 1. : value	2.
😅 Biogas Flexibility Transfer	C (*) THEOREM 90070000		
	Elancing group balance		
	Balancing group values (month) Within day obligations		
	All Conversion		
	Critica of a transport symple		
	Allocation data Allocation data Allocation data comprise (incl. SBr		
	III Quantities balancing group constru-		
	Choid by data series type Choice of data series type		
盒 Imprint	C 4 THEOBIL690200002		
ap Data Protection Policy	C (2) THEOREGE0200003		•
Disclaimer «	Count 0 《 Count 0 of 0 > >	Dev	ort 👻

In the "Allocation data" table you can view the values allocated by the network operators in the selected balancing group on an hourly or daily basis.

In the upper line you can select the granularity (daily values or hourly values), the qualities and the data series types you want to view (in each case, multiple selections can be made by clicking on the qualities, which can be deselected in the same way). The initial screen always shows the "Daily values", the "Best of" quality and no data series types first.

The selected views can be exported.

You have the option of saving your own favourites. When you have selected the granularity, quality and data series types, you can select a name for your favourite and confirm your choice by clicking Save. If you no longer need your favourites, they can be removed by clicking Delete.

Meaning of the qualities:

- The "vorläufig" quality refers to the within-day RLM allocation to D (first data delivery comprises 6 hourly values, updated by a second data delivery comprising 9 hourly values).
- The "korrigiert" quality denotes the M+12 messages (RLM, EntrySo, ExitSo, EntryBio, EntryH2, EntryFLG) and the M+21 (system IP).
- The "endgültig" quality denotes the D-1 message in the SLP area and the D+1 message in the area of physical points.



- The "Ersatzwert" quality denotes substitute values formed by THE in the SLP area.
- The "Hilfswert" quality denotes substitute values formed by THE in the RLM area for the RLM quantity corrected by using the gross calorific value used for billing (billing CV).
- The "Clearing" quality comprises any clearing allocations transmitted.
- The "Best of" quality is a track generated by the system, which basically contains the most recent value (at the time of the query).

E Customer Portal	TRADING NUB EUROPE Test_BKV_04 (THE)	-BGM	hub.eu 음o Test UserBKV4 다
යි Home	Data Overview		
Customer Self Care	From 08/2021 10* 09/20	021 🛗 SSARCH	
ਨੂੰ Approval of Linking	C % THEOBBL690240000	Daily values (D) V Best of ENTRYBIO (#/D/M), ENTRYB2 (#/D/M), ENTRYB	ITSO (H/D/M), RLMMT (H/D/ V
Data Portal > Second Contact Persons Allocation & Clearing	Av THEOBDL690220000 (DZKN) Av THEOBFH690190000	Menth Balancing group Grid operator Grid operator Grid operator code Time series Caloritic Quality Su	um 1. 2.
😅 Biogas Flexibility Transfer	Q THEOBFL69020000 A THEOBFL690200000 Balancing group balance		
	H Balancing group values (month)		
	Ltt Conversion		
	 Balancing group key data Allocation data 		
	Allocation data overview (incl. SBG: Quantities balancing group construe Choice of data series type		
	(2) THEOBFL690200001 (2) THEOBFL690200001	4	
盦 Imprint			
설p Data Protection Policy ① Disclaimer	Cy THEOBFLE90200004 Cy THEOBFLE90200005 Ch THEOBFLE90200005	- Count 0 ≪ < Page 0 of 0 > ≫ [DOPORT 👻

8.3.3 Allocation overview (incl. BSGs)

As in the "Allocation data" table, you can view the values allocated by the network operators in the selected balancing group and all subordinate balancing groups belonging to the balancing group on an hourly or daily basis after you have made your selection.



E Customer Portal	Test_BKV_04 (THE) - BGM				ier Portal of THE Contact: Service@tradinghub.eu						및 음o Test UserBKV4 [0		
G Home	E Data Overview												
Customer Self Care													
Balancing Group Contracts	From 08/2021 To* 09/20	21	SEARCH										
윰 Approval of Linking	Within-day obligations	Month	Time series type	Balancing group	Sum	1.	2.	3.	4.	5.	6.	7.	
	di Conversion	08/2021	BKFLEXUEBER	THE0BFH690190001	0	0	0	0	0	0	0	0	
Data Portal >	Choice of time series type	08/2021	BKSALDABRUEBER	THE0BFH690190001	0	0	0	0	0	0	0	0	
😣 Contact Persons Allocation & Clearing	Balancing group key data	08/2021	KONVUEBER	THE0BFH690190001	0	0	0	0	0	0	0	0	
	Allocation data	08/2021	RLMUMLUEBER	THE0BFH690190001	0	0	0	0	0	0	0	0	
Biogas Flexibility Transfer	Allocation data overview (incl. SBG:	08/2021	SLPUMLUEBER	THE0BFH690190001	0	0	0	0	0	0	0	0	
	Quantities balancing group constru	08/2021	BKFLEXUEBER	THE0BFH690190002	0	0	0	0	0	0	0	0	
	Choice of data series type	08/2021	BKSALDABRUEBER	THE0BFH690190002	0	0	0	0	0	0	0	0	
	THEOBFH690190001	08/2021	KONVUEBER	THE0BFH690190002	0	0	0	0	0	0	0	0	
	THEOBFH690190002	08/2021	RLMUMLUEBER	THE0BFH690190002	0	0	0	0	0	0	0	0	
	THEOBFH690190003	08/2021	SLPUMLUERER	THEOREH690190002	0	0	0	0	0	0	0	0	
	THEOBFH690190004	08/2021		THEOREH600100002	0	-	-	0	0	-	0	0	
	THEOBFH690190005	08/2021		THEODE H000100003	0	0	0	0	0	0	0	0	
	THEOBFH690190006	08/2021	BRSALDABRUEBER	THEORFH090190003	0	U	0	0	0	0	0	0	
	THE0BFH690190007	08/2021	KONVUEBER	THE0BFH690190003	0	0	0	0	0	0	0	0	
	THEOBFH690190008	08/2021	RLMUMLUEBER	THE0BFH690190003	0	0	0	0	0	0	0	0	
	THEOBEH690190009	08/2021	SLPUMLUEBER	THE0BFH690190003	0	0	0	0	0	0	0	0	
	THEOBFH690190010	08/2021	BKFLEXUEBER	THE0BFH690190004	0	0	0	0	0	0	0	0	
盒 Imprint	THEOBFH690190011	08/2021	BKSALDABRUEBER	THE0BFH690190004	0	0	0	0	0	0	0	0	
Se Data Protection Policy	THEOBFH690190012	08/2021	KONVUEBER	THE0BFH690190004	0	0	0	0	0	0	0	0 🗸	
	THEOBFH690190013											,	
(i) Disclaimer		Count	106 《 <	Page 1 of 3 > >>								EXPORT -	
*			N										

8.3.4 Balancing group portfolio quantities

What is displayed here are the balancing group balances that are relevant for the calculation of daily imbalance charges (BKSALDUEBER), the balancing group balances including RLM differential quantities (BKSALDABRUEBER), the quantities subject to SLP and RLM neutrality charges (RLMUMLUEBER, SLPUMLUEBER) and the quantities subject to conversion neutrality charges (KONVUEBER) transferred from the SBGs.

The values are displayed as daily and monthly values and can be exported.

E Customer Portal	TRADING NUB EUROPE Test_BKV_04 (THE) -	BGM BGM BGM BGM BGM BGM BGM BGM		Contact: Service@tradinghub.eu	ළි₀ Test UserBKV4 ිර
යි Home	E Data Overview				
Customer Self Care					
Balancing Group Contracts	From 05/2021 To* 06/20	121 EARCH			
Approval of Linking	Â	Position	Amount in kWh	Amount in EUR	Reference month
an approved a conseto	C % THEOBBH690230000	Balancing group number THE0BFH690190000			
E Data Portal >	C % THEOBBL690240000	Compensation energy for gas shortfalls	0	0.00	05/2021
E Contact Persons Allocation & Clearing	C 7 THEOBDH690210000 (DZKR)	Negative daily imbalance quantity	0	0.00	05/2021
	THEOBDL690220000 (DZKN)	Amount structuring charge (short)			05/2021
Biogas Hexibility Transfer	THEOREHEADIA0000	Within-day flexibility charge	0	0.00	05/2021
	Balancing group balance	SLP balancing neutrality charge	0	0.00	05/2021
	Within day oblidations	RLM balancing neutrality charge	0	0.00	05/2021
	di Conversion	Amount conversion fee H->L	0	0.00	05/2021
	Choice of time series type	Amount conversion fee L->H	0	0.00	05/2021
	Balancing group key data	Conversion levy charge	0	0.00	05/2021
	Allocation data	Positive RLM quantity differences	0	0.00	05/2021
	Allocation data overview (incl. SBGs	Negative RLM quantity differences	0	0.00	05/2021
	Quantities balancing group constru-	Amount of invoice		0.00	05/2021
	Indication of the invoice amount	Amount of credit note		0.00	05/2021
	Choice of data series type	All information without VAT and without guarantee			
	THEOBFH690190001	The data shown here will not be updated to reflect clearing processes, i.e. cleari			
窟 Imprint	THEOBFH690190002				
Sm Data Protection Policy	THEOBFH690190003				
Lap both i receiver officy	THEOBFH690190004				
Disclaimer	C (2) THEOBFH690190005	Count 16 《 < Page 1 of 1 > 》			DIPORT 👻

8.3.5 Indicative invoice amount

This is where you find information about the amount expected for the relevant balancing group invoice for the relevant delivery month at each billing balancing group.



Please note: The information comes without any guarantee and will not be updated if there is a clearing process.

You can only view this submenu item from M+15WT until the end of the clearing period (M+2M-10WT-1KT) for delivery month M.

8.3.6 Free data series selection

E Customer Portai	TRADING HUB EUROPE Test_BKV_04 (THE) -	BGM	♥ ① Welcome to the Custome	r Portal of THE	Contact: Service@tra	<u>dinghub.eu</u> දි _ර Test UserBKV4 ලිර
ය Home	Data Overview					
C Customer Self Care	From 08/2021 🛗 To* 09/202	el 🛗 Search	ĺ			
Pr Approval of Linking	C 95 THEOBBH690230000	Daily values (D)			AE (positive) (D/M), BKFLEX (D/M), BKFLEXnach (H/D), B	KKUM (H) 🗸 🗸
88 Approval of Clining	C 95 THEOBBL690240000				Favourites	- Please select - 🗸 😫 📋
E Data Portal >	C (2 THEOBDH690210000 (DZKR)	Date	AE (positive) (D/M) [kWh]	BKKUM (H) [kWh]	BKFLEX (D/M) [kWh]	BKFLEXnach (H/D) [kWh]
🕅 Contact Persons Allocation & Clearing	Cy THEOBDE090220000 (DZRN)	01.08.2021	0		0 0	0
≅ Biogas Flexibility Transfer	Balancing group balance	02.08.2021	0		0 0	0
	HI Balancing group values (month)	03.08.2021	0		0 0	0
	Within-day obligations	04.08.2021	0		0 0	0
	del Conversion	05.08.2021	0		0 0	0
	Choice of time series type	06.08.2021	0		0 0	0
	III Balancing group key data	07.08.2021	0		0 0	0
	III Allocation data	08.08.2021	0		0 0	0
	Allocation data overview (incl. SBGs	09.08.2021	0		0 0	0
	Quantities balancing group constru-	10.08.2021	0		0 0	0
	E Choice of data series type	11.08.2021	0		0 0	0
	THEOBFH690190001	12.08.2021	0		0 0	0
in Imoriat	THEOBFH690190002	13.08.2021	0		0 0	0
- mpant	THEOBFH690190003	14.08.2021	0		0 0	0
Ap Data Protection Policy	THEOBFH690190004	15.08.2021	0		0 0	0 🗸
① Disclaimer	€ 2 THEOBFH690190005	Count 31 «	< Page 1 of 1 > >			EXPORT -

The functions are the same as in the chart (section 4.1.5).

8.4 Biogas tables

A total of seven tabular views are available for biogas balancing groups.

8.4.1 Balancing group figures

Customer Portal	Test_BKV_04 (THE) -	BGM	♥	① Welcome to the Custor	mer Portal of THE		🖂 Conta	ct: <u>Service@tradinghub.e</u> r	실 🕹 Test UserBKV4 단		
යි Home	E Data Overview										
Customer Self Care											
Balancing Group Contracts	From 10/2021 To* 11/202	10/2021 To* 11/2021 SAACH									
Approval of Linking	C 100000 *******************************	Daily values (D)	\sim								
00.00	Balancing group balance	Date	ENTRY (H/D/M)	ENTRYBIO (H/D/M)	RLMOT (H/D/M)	RLMMTB (H/D/M)	SLPSYN (H/D/M)	SLPANA (H/D/M)	EXITSO (H/D/M)		
E Data Portal >	Flexibility account		[KWh]	[KWN]	[KWh]	[KWh]	[KWh]	[KWh]	[KWn]		
RE Contact Persons Allocation & Clearing	Ltt Conversion	01.10.2021	0	0	0	0	78,744	0	0		
	Choice of time series type	02.10.2021	0	0	0	0	84,408	0	0		
🛤 Biogas Flexibility Transfer	Balancing group key data	03.10.2021	0	0	0	0	78,720	0	0		
	Balancing group key data	04.10.2021	0	0	0	0	78,288	0	0		
	III Allocation data	05.10.2021	0	0	0	0	78,360	0	0		
	Allocation data overview (incl. SBGs	06.10.2021	0	0	0	0	91,560	0	0		
	Balancing periods values	07.10.2021	0	0	0	0	89,448	0	0		
	Quantities balancing group constru-	08.10.2021	0	0	0	0	0	0	0		
	E Choice of data series type	09.10.2021	0	0	0	0	0	0	0		
	THEOBBH690230001	10.10.2021	0	0	0	0	76,752	0	0		
	THEOBBH690230002	11.10.2021	0	0	0	0	0	0	0		
	THEOBBH690230003	12 10 2021	0	0	0	0	90.432	0	0		
	THEOBBH690230004	13 10 2021	0	0	0	0	90.696	0	0		
	THEOBBH690230005	14 10 2021	0	0	0	0	88.536	0	0		
Imprint Imprint	THEOBBL690240000	15 10 2021	0	0	0	0	00,000	0	0		
ap Data Protection Policy	THEOBDH690210000 (DZKR)	10.2021	0	0	0	Ū	0	0			
(i) Disclaimer	C (2 THEOBDL028960000	Count 31	« < Page	1 of 1 > >	i. I				EXPORT -		
~											



This is where the aggregated hourly, daily and monthly values of different data series types balanced for this balancing group are shown. The data series types are preset by default and cannot be selected.

The hourly and daily values can be exported, the monthly values are not available for export.

E Customer Portal	TRADING NUB EUROPE Test_BKV_04 (THE) -	BGM	▽ (D Welcome to the Custo	mer Portal of THE		🖂 Conta	act: <u>Service@tradinghub</u>	<u>eu</u> 은 _D Test UserBKV4	¢
ŵ Home	Data Overview									
Customer Self Care										
Balancing Group Contracts	From 08/2021 To* 09/20:	21	EARCH							
중 Approval of Linking	THEOBBH690230000 A Balancing group balance	Date	+BIOFLEX (BP) [kWh]	-BIOFLEX (BP) [kWh]	+BIOFLEX (BP) BEFORE (BP) [kWh]	-BIOFLEX (BP) BEFORE (BP) [kWh]	Bio Saldo cumulated (D) [kWh]	BIOFLEXMAX (D) [kWh]	BIOFLEXSALD (pos) (D) [kWh]	BIOF
🖽 Data Portal >	Flexibility account	01.01.2021	0	0	0	0	0	0	0	-
환 Contact Persons Allocation & Clearing	Choice of time series type	02.01.2021	0	0	0	0	0	0	0	
🖶 Biogas Flexibility Transfer	III Balancing group key data	03.01.2021	0	0	0	0	0	0	0	
	Balancing group key data	04.01.2021	0	0	0	0	0	0	0	
	Allocation data	05.01.2021	0	0	0	0	0	0	0	
	Allocation data overview (incl. SBGs	06.01.2021	0	0	0	0	0	0	0	
	Balancing periods values	07.01.2021	0	0	0	0	0	0	0	
	III Quantities balancing group constru-	08.01.2021	0	0	0	0	0	0	0	
	E Choice of data series type	09.01.2021	0	0	0	0	0	0	0	
	THEOBBH690230001	10.01.2021	0	0	0	0	0	0	0	
	THEOBBH690230002	11.01.2021	0	0	0	0	0	0	0	
	THEOBBH690230003	12.01.2021	0	0	0	0	0	0	0	
	THEOBBH690230004	13.01.2021	0	0	0	0	0	0	0	
	THEOBBH690230005	14.01.2021	0	0	0	0	0	0	0	
	C 1000000000000000000000000000000000000	15.01.2021	0	0	0	0	0	0	0	
盒 Imprint	THEOBDH690210000 (DZKR)	16.01.2021	0	0	0	0	0	0	0	
ap Data Protection Policy	THEOBDL690220000 (DZKN)	17.01.2021	0	0	0	0	0	0	0	
	THEOBFH690190000		1							
(1) Disclaimer	• * THEOBFH990070000	Count 365	K K Page	1 of 1 > 2	≥				EXPORT	•
*			N							

8.4.2 Balancing group figures (Total)

This is where the aggregated daily and monthly values for biogas data series are shown. The data series types are preset by default and cannot be selected.

The exports always contain the daily values. It is not possible to export the monthly values.



8.4.3 Allocation overview

E Customer Portal	Test_BKV_04 (THE)	BGM	♥ ① Welcome to the Customer Port	tal of THE		Cor	ntact: <u>Service@tra</u>	dinghub.eu	So Test Us	erBKV4 🖾
G Home	🖽 Data Overview									
Customer Self Care Balancing Group Contracts	From 04/2021 🛗 To* 05/20	SEARCH								
ਵੱਡੇ Approval of Linking	THEOBBH690230000	Daily values (D) V	Best Of	~	- Please select -		Favourites	- Please sel	ect- V	
Data Portal >	Flexibility account	Month Balancing group	Grid operator	Grid operator code	Time series	Calorific	Quality	Sum	1	2.
E Contact Persons Allocation & Clearing	Choice of time series type					value				
≓ Biogas Flexibility Transfer	Balancing group key data									
	Balancing group key data									
	Allocation data									
	Balancing periods values									
	Quantities balancing group constru-									
	Choice of data series type									
	C + THEOBBH690230001		N							
	C (2 THEOBBH690230002		L2							
	THEOBBH690230003									
	THEOBBH690230004									
	THEOBBH690230005									
	C % THEOBBL690240000									
يس imprint	THEORDH690210000 (DZKR)									
Ap Data Protection Policy	THEOBDL690220000 (DZKN)	¥								,
 Disclaimer 	¹ ²	Count 0 « <	Page 0 of 0 > > 1							EXPORT -

In the "Allocation data" table you can view the values allocated by the network operators to the selected balancing group on an hourly or daily basis.

In the upper line you can select the granularity (daily values or hourly values), the qualities and the data series types that you want to view (in each case, multiple selections can be made by clicking on the qualities, which can be deselected in the same way). The initial screen always shows the "Daily values", the "Best of" quality and no data series types first.

The selected views can be exported.

You have the option of saving your own favourites. When you have selected the granularity, quality and data series types, you can select a name for your favourite and confirm your choice by clicking Save. If you no longer need your favourites, they can be removed by clicking Delete.

Meaning of the qualities:

- The "**vorläufig**" quality refers to the within-day RLM allocation of D (first data delivery comprises 6 hourly values, updated by a second data delivery comprising 9 hourly values).
- The "korrigiert" quality denotes the M+12 messages (RLM, EntrySo, ExitSo, EntryBio, EntryH2, EntryFLG) and the M+21 (system IP).
- The "endgültig" quality denotes the D-1 message in the SLP area and the D+1 message in the area of physical points.



- The "Ersatzwert" quality denotes substitute values formed by THE in the SLP area.
- The "Hilfswert" quality denotes substitute values formed by THE in the RLM area for the RLM quantity corrected by using the gross calorific value used for billing (billing CV).
- The "Clearing" quality comprises any clearing allocations transmitted.
- The "**Best of**" quality is a track generated by the system, which basically contains the most recent value (at the time of the query).

Customer Portal TRADING NUMBER Test_BKV_04 (THE) - BGM Welcome to the Customer Portal of THE Contact: Service@tradinghub.eu 25 Test UserBKV4 🕼 E Data Overview ය Home Customer Self Care From' 03/2021 🛗 To* 04/2021 🛗 SEARCH Balancing Group Contracts THE0BBH690230000 Daily values (D) Best Of 🛛 V ENTRYBIO (H/D/M), ENTRYH2 (H/D/M), ENTRYSO (H/D/M), EXITSO (H/D/M), RLMMT (H/D/ V 움 Approval of Linking Relancing group balance Favourites - Please select - 🗸 😫 💼 Flexibility account 1 Data Portal > Sum 1. 2. Calorific dil Conversion Month Balancing group Grid operator Grid operator code Time series Quality E Contact Persons Allocation & Clearing Choice of time series type Biogas Flexibility Transfer Balancing group key data III Balancing group key data Allocation data III Allocation data overview (incl. SBG Balancing periods values Quantities balancing group E Choice of data series type C + THEOBBH690230001 THEOBBH690230003 THEOBBH690230004 C A THEOBBH690230005 THE0BBL690240000 Imprint Ralancing group bala Flexibility account Ap Data Protection Policy 4 del Conversion Count 0 « < | Page 0 of 0 > > (1) Disclaimer EXPORT -

8.4.4 Allocation data overview (incl. BSGs)

As in the "Allocation data" table, you can view the values allocated by the network operators in the selected balancing group and all subordinate balancing groups belonging to the balancing group on an hourly or daily basis after you have made your selection.



8.4.5 Balancing period values

E Customer Portal	TRADING HUB EUROPE Test_BKV_04 (THE) - B	GM	•	() Welco	me to the Customer Po	ortal of THE		Contact: S	envice@tradinghub.eu	은 _D Test UserBKV4 (다)
ଭ Home	Data Overview									
Customer Self Care										
Balancing Group Contracts	From 03/2021 To* 04/202	1 III SEARC	"							
Se Approval of Linking	THEOBBH690230000	Balancing period	Start	End	Transfer positive closing balance	Quantity closing balance transfer	Relevant balance	Conversion H>L	Conversion L>H	Usage flexibility
II Data Portal >	Flexibility account	2020	01 12 2	01.01.2	Ja					
Contract Descent Allowation & Classica	Conversion	2021	01.01.2	01.01.2	Ja	0	0	0	0	0
Contact Persons Allocation & Clearing	Choice of time series type	2022	01.01.2	01.01.2	Ja					
≓ Biogas Flexibility Transfer	I Balancing group key data	2023	01.01.2	01.01.2	st					
	I Balancing group key data	2024	01.01.2	01.01.2	Ja					
	III Allocation data	2025	01.01.2	01.01.2	Ja					
	Allocation data overview (incl. SBG:	2026	01.01.2	01.01.2	st					
	Balancing periods values	2027	01.01.2	01.01.2	Ja					
	III Quantities balancing group constru-	2028	01.01.2	01.01.2	Ja					
	Choice of data series type	2029	01.01.2	01.01.2	Ja					
	C & THEOBBH690230001	2030	01.01.2	01.01.2	Ja					
	C & THEOBBH690230002	2031	01.01.2	01.01.2	Ja					
	THEOBBH690230003	2032	01.01.2	01.01.2	a					
	HEOBBH690230004	2033	01.01.2	01.01.2	Ja					
	HEOBBH690230005	2034	01012	01.01.2	Ja					
	THEOBBL690240000	2035	01.01.2	01 10 2	Ja					
置 Imprint	THEOBDH690210000 (DZKR)									
Sp Data Protection Policy	THEOBDL690220000 (DZKN)									
0	THEOBFH690190000									
(i) Disclaimer	C 22 THEOBFH990070000	Count 16	« < F	age 1	of 1 > >>					EXPORT -
**		6								

What is displayed here are the balancing periods per biogas balancing group, the start and end dates of the balancing period, the information on the transfer of the positive final balance, the final balance transfer quantity, the balance relevant for billing, the conversion and the utilisation of flexibility.

E Customer Portal	Test_BKV_04 (THE)	BGM		G Welcome to the Custome	er Portal of THE				Contact: Serv	ice@tradinghub.eu	💩 Test	UserBKV4 🔯
යි Home	E Data Overview											
🖉 Customer Self Care												
Balancing Group Contracts	From 03/2021 To* 04/20	21	SEARCH									
Approval of Linking	CTHEOBBH690230000	Month	Time series type	Balancing group	Sum	1.	2.	3.	4.	5.	6.	7.
00.11	Balancing group balance	03/2021	BKSALDUEBER	THE0BBH690230001	0	0	0	0	0	0	0	0
E Data Portal >	Flexibility account	03/2021	KONVUEBER	THE0BBH690230001	0	0	0	0	0	0	0	0
I Contact Persons Allocation & Clearing	dil Conversion	03/2021	RLMUMLUEBER	THE0BBH690230001	0	0	0	0	0	0	0	0
	Choice of time series type	03/2021	SLPUMLUEBER	THE0BBH690230001	0	0	0	0	0	0	0	0
	Balancing group key data	03/2021	BKSALDUEBER	THE0BBH690230002	0	0	0	0	0	0	0	0
	Balancing group key data	03/2021	KONVUEBER	THE0BBH690230002	0	0	0	0	0	0	0	0
	III Allocation data	03/2021	RLMUMLUEBER	THE0BBH690230002	0	0	0	0	0	0	0	0
	Allocation data overview (incl. SBG:	03/2021	SLPUMLUEBER	THE0BBH690230002	0	0	0	0	0	0	0	0
	Balancing periods values	03/2021	BKSALDUEBER	THE0BBH690230003	0	0	0	0	0	0	0	0
	U Quantities balancing group constru	03/2021	KONVUEBER	THE0BBH690230003	0	0	0	0	0	0	0	0
	Choice of data series type	03/2021	RLMUMLUEBER	THE0BBH690230003	0	0	0	0	0	0	0	0
	• (2) THEOBBH690230001	03/2021	SLPUMLUEBER	THE0BBH690230003	0	0	0	0	0	0	0	0
	C 7 THEOBBH690230002	03/2021	BKSALDUEBER	THE0BBH690230004	0	0	0	o	0	0	0	0
	C 7 THEOBBH690230003	03/2021	KONVUEBER	THE0BBH690230004	0	0	0	0	0	0	0	0
	C 7 THEOBBH690230004	03/2021	RLMUMLUEBER	THE0BBH690230004	0	0	0	0	0	0	0	0
	C 14E0BBH690230005	03/2021	SLPUMLUEBER	THE0BBH690230004	0	0	0	0	0	0	0	0
@ Imprint	THEOBBL690240000	03/2021	RKSALDUERER	THEORBH690230005	0	0	0	ö	0	0	0	0
	THEORDH690210000 (DZKR)	03/2021	KONVUERER	THEORBH690230005	0	0	0	0	0	0	0	0
Ap Data Protection Policy		4				·	,	, in the second s			-	
 Disclaimer 	A THEOBEH990070000	Count	20 《 〈	Page 1 of 1 > >								EXPORT -
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8.4.6 Balancing group portfolio quantities

What is displayed here are the balancing group balances that are relevant for the calculation of daily imbalance charges (BKSALDUEBER), balancing group balances including RLM differential quantities (BKSALDABRUEBER), the quantities subject to SLP



and RLM neutrality charges (RLMUMLUEBER, SLPUMLUEBER) and the quantities subject to conversion neutrality charges (KONVUEBER) transferred from the SBG.

The values are displayed as daily and monthly values and can be exported.

E Customer Portal	TRADING HUB EUROPE Test_BKV_04 (THE) -	BGM	♥ ① Welcome to the Custon	ner Portal of THE	Contact: Service@trac	linghub.eu Test UserBKV4 [\$
û Home	E Data Overview					
🕼 Customer Self Care						
Balancing Group Contracts	From 10/2021	21 EARCH				
Approval of Linking	C 100000	Daily values (D) 🛛 🗸	Best Of	~	+BIOFLEX (BP), -BIOFLEX (BP), BKSALD (H/D/M), BKSALD	nach (H/D/M) 🗸 🗸
-	Balancing group balance				Favourites	- Please select - 🗸 🙁 📋
E Data Portal >	Hexibility account	Date	BKSALD (H/D/M) [kWh]	BKSALDnach (H/D/M) [kWh]	+BIOFLEX (BP) [kWh]	-BIOFLEX (BP) [kWh]
Contact Persons Allocation & Clearing	Choice of time series type	01.10.2021	-78,744	-78,744	0	0
≅ Biogas Flexibility Transfer	Balancing group key data	02.10.2021	-84,408	-84,408	0	0
	Balancing group key data	03.10.2021	-78,720	-78,720	0	0
	III Allocation data	04.10.2021	-78,288	-78,288	0	0
	III Allocation data overview (incl. SBGs	05.10.2021	-78,360	-78,360	0	0
	Balancing periods values	06.10.2021	-91,560	-91,560	0	0
	Quantities balancing group constru-	07.10.2021	-89,448	-89,448	0	0
	E Choice of data series type	08 10 2021	0	c	0	0
	C 🎝 THEOBBH690230001	09.10.2021	0	c	0	0
	THEOBBH690230002	10.10.2021	-76,752	-76,752	0	0
	C 🏠 THEOBBH690230003	11.10.2021	0	c	0	0
	THEOBBH690230004	12 10 2021	-90,432	-90,432	0	0
The Imprint	THEOBBH690230005	13.10.2021	-90,696	-90,696	0	0
and imprint	THEOBBL690240000	14.10.2021	-88,536	-88,536	0	0
Ap Data Protection Policy	THEOBDH690210000 (DZKR)	15.10.2021	0	c	0	0 .
① Disclaimer	 ♀ ♀ ♀ ♦ ♦ 	Count 31 « «	Page 1 of 1 > >			EXPORT 👻

8.4.7 Free data series selection

The functions are the same as in the chart (section 8.1.5)

8.4.8 DZK balancing groups

E Customer Portal	THE THAT TEST BRV_04 (THE) - BGM 💌 🛈 Welcome to the Customer Portal of THE	[¢
ŵ Home	Data Overview	
Customer Self Care Balancing Group Contracts	From 03/2021 🛗 To* 04/2021 🛗 SLARCH	
문 Approval of Linking	Quantities balancing group constru- Construction of data series type Construction	
Data Portal >	C (2) THEOBBHIG0220001 05 045	
😥 Contact Persons Allocation & Clearing	C (*) THEOBEN690230002 0.4	
😅 Biogas Flexibility Transfer	0.33 - 0.	
	C (2) THEOBBH00220005 025	
	015 - 015 -	
	₩ Balancing group balance	
	Balancing group values (month) 0 0 0 0 0 0	
	4 0.1 - 0.15-	
	Crinoc or time series type 02 Balancing group key data 025	
	III Allocation data 0.3	
1 Imprint	Allocation data overview (incl. SBD 0.4 0.45	
	Those of data series type 05	
Disclaimer	Introductionstation 01.03.2021 04.03.2021 10.03.2021 16.03.2021 10.03.2021 22.03.2021 25.03.2021 28.03.2021 31.03.2021 Mathematic and production and producting and production and production and production and produ	-
00		

For the DZK balancing groups (which can be recognised by the DZKR or DZKN tag), the key figures for the uninterrupted and interrupted periods are shown.

The key figures for the uninterrupted period are identified by the acronym oNBS ("ohne



<u>Nutzungsbeschränkung</u>" = "without usage restriction") and the key figures during the interruption are identified by the acronym NBS ("<u>Nutzungsbeschränkung</u>" = usage restriction).

8.5 Declaration

Customer Portal	HUB EUROPE	with the second se	Welcome to the Customer Portal of THE			Contact: Service	Stradinghub.	eu &ior	BD
f Home	Declaration								
Customer Self Care									
Balancing Group Contracts	Declaration overmew								
ਡੰਡ Approval of Linking	Balancing group	Grid operator	Crid operator code	Valid from	Valid until	RLMOT	RLMMT	SLPSYN	SLPANA
🖽 Data Portal >		Businesia Gradian Called Loak	60703.a00007	01.09.2021/06	01.10.2021/06	0	8	0	0
		Million and American State Constit	MPROCESSION NO.	01.09.2021/06	01.10.2021/06		2	0	
Contact Persons Allocation & Clearing		Distance in the second second	and the Property	01.09.2021/06	01.10.2021/06	0		0	0
🗚 Biogas Flexibility Transfer	workstandingstresse	Antipication from paratic ration	Sector Advances	01.09.2021/06	01.10.2021/06		2	0	0
	 woencourrent 	Traps Energeneirs court	Sector 4 de la company	01.09.2021/06	01.10.2021/06				
		Second and a second sec	entrolation of a	01.09.2021/06	01.10.2021/06				8
	Introduction of the sector	Distribution of the second sec	and and to deck?	01.09.2021/06	01.10.2021/06	0		0	8
		Entergen Workbearing Ad-	sectors recepts	01.09.2021/06	01.10.2021/06				0
	Increase as Traces	antisation services	Section Advances	01.09.2021/06	01.10.2021/06	0			0
	INCREMENTATION INCREMENT	Notice conception and a second	Marcal Avenue.	01.09.2021/06	01.10.2021/06			œ.	0
	Inceptor 2 Topolo	Westingungsbereinter Harry Materiersbergel	entreamonoon.	01.09.2021/06	01.10.2021/06			8	
		Installation (Marthagene Berlin)	Addition and the second	01.09.2021/06	01.10.2021/06				0
	 hereissertig topologi 	Angement the Annual Annual	101100000000000000000000000000000000000	01.09.2021/06	01.10.2021/06		S.	0	0
	Contraction of the second s	FER-Dange-stream	retromonosti	01.09.2021/06	01.10.2021/06		2		
		to Distant Marin Sector	SETIO-GALOOD.	01.09.2021/06	01.10.2021/06		3		
篇 Imprint	NORMOUS/DOING	Transform (Heres Service and Herein)	10 TO DECIDENT	01.09.2021/06	01.10.2021/06		8	0	0
	Increases a construction of the constructio	End of the Article Charles of the Article Charles	No. of Concession, Name	01.09.2021/06	01.10.2021/06		2		
은 Data Protection Policy		Starting to hard the hard the hard	18 CONTRACTOR CONTRACTOR	01.09.2021/06	01.10.2021/06				
(i) Disclaimer	 NORROW/DODG 	Data strends and libraria	Berling a Danca	01.09.2021/06	01.10.2021/06		R	0	- ·
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The declaration overview shows all available declarations for your balancing groups for the selected month. The month for which the most recent declarations are available are always shown first. The view shows the balancing group, the name of the network operator, the market partner code of the network operator (DVGW code), the period of validity of the declaration and the information about which data series type was registered.

By selecting a specific period, you can also view declarations from previous months.

The selected month can be exported in various formats (CSV, EXCEL and PDF).



8.6 Allocation clearing

8.6.1 Overview

E Allocation Clear	ring							
Overview Grid operato	or Clearing							
Period July 2021	GET CLEARINGID							
Call	Clearing-ID	Balancing group	Grid operator code	Time series	Valid from	Valid until	Status	User
31.08.2021 10:33:51	00000025	THE0BFL990080000	987	ENTRYSO	01.07.2021/06	01.08.2021/06	Available	testuserbkv4
31.08.2021 10:39:25	00000025	THE0BBH690230000	987	ENTRYBIO	01.07.2021/06	01.08.2021/06	Available	testuserbkv4
31.08.2021 13:30:15	00000025	THE0BFL690200011	987	ENTRYSO	01.07.2021/06	01.08.2021/06	Available	testuserbkv4
	2							
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The allocation clearing offers the possibility to correct allocations together with the network operators within the clearing period.

In the "Overview" area you can request a new clearing number and also view clearing applications for the current clearing period that are already being processed. You can view the following information:

- Request (time the clearing number was requested in the Portal)
- Clearing number
- Balancing group for which the clearing number was requested
- Network (the DVGW number of the network operator concerned)
- Data series for which the clearing number was requested
- "Valid from" date
- "Valid until" date
- Status (processing status of your clearing number -> green: clearing number is open; yellow: clearing number has been successfully processed or is no longer valid)



• User (login name of user who requested the clearing number)

You can click on "Get clearing ID" to generate a new clearing number.

Get Clearing	HD	×
Period*	O daily (SLP time series)	
	O flexible (physical time series: RLM,	Entry and Exit)
Valid on*	dd.MM.yyyy	**
Valid from*	dd.MM.yyyy	
Valid to*	dd.MM.yyyy	
Balancing group*	- Please select -	\sim
Grid operator code*	- Please select -	\sim
Time series*	- Please select -	\sim
	GET CLEARING-ID	CANCEL

Important: The following deadlines must be observed. You can only request clearing numbers within these deadlines. Outside these deadlines, no valid time slot will be made available to you.

- SLP: D-1 from 13:00 hrs until M+2M-10WT-1KT
- Physical points: M+15WT until M+2M-10WT-1KT

After you have entered all the data, click on "Get clearing ID" to see your clearing number:



Please note:



For the SLP data series type, you have to apply for a clearing number for each individual day.

For physical data series types for an entire month, you only need one clearing number, provided that the declaration has been made consistently for the entire month.

Once you have submitted a request a clearing number, the network operator concerned will receive an e-mail listing your balancing group, the network, the data series concerned in the clearing and the validity period.

Important: The clearing number is not emailed to the network operator! It has to be submitted to the network operator by the balancing group manager.

E Customer Portal	TRADING Test_BKV_04 (THE) - BGM	Welcome to the Custome	er Portal of THE)	Contact: Service@tradinghub.eu	은 Test UserBKV4	[\$
G Home	E Allocation Clearing						
🕼 Customer Self Care							
Balancing Group Contracts	Period Austust 2021						-
Sta Approval of Linking	Balancing group	Grid operator code	Time series	Valid from	Valid until		_
Data Portal >							
Contact Persons Allocation & Clearing							
➡ ² Biogas Flexibility Transfer							
盦 Imprint							
2 _☉ Data Protection Policy							
Disclaimer	≪ < Page 0 of 0 > ≫ Ø	EXPORT V				DELETE FILTERS	i.
~							-

8.6.2 Network operator clearing

Network operator (NO) clearing can be carried out only by the NO (no clearing number of BGM required) and serves exclusively to correct the RLM quantity revalued with the billing CV. The balancing CV is not corrected.

In the "Grid operator clearing" area, you can view information on the NO clearing applications submitted by the network operators for your balancing groups for the current clearing period.

The following information is shown here:

- Balancing group for which the clearing number was requested
- Network (the DVGW number of the network operator concerned)
- Data series for which the clearing number was requested



- "Valid from" date
- "Valid until" date

You will also receive this information by e-mail. The recipient is the "EDM contact person" stored in the Customer Portal.

Important: The NO clearing number is not displayed in the Portal and is not made available by e-mail! The network operator can perform the clearing process without the BGM's consent. This overview is provided to the BGM for information purposes only.

8.7 Data requests

E Customer Portal	THE	HUB Test_BKV_04 (THE) - BGM		•	() Welcome to t	he Customer Portal of THE	Contact: Service@tradinghub.eu	은 Test UserBKV4 [다
₩ Home	🖽 Data Su	bscription							
🖉 Customer Self Care	Order an inc	dividual report							
Balancing Group Contracts	Name*	- Please select -		~					
Se Approval of Linking	Recipient*				ADD MORE E-M	AIL ADDRESSES			
🖽 Data Portal >	Data from*	мм/уууу		m					
(82) Contact Persons Allocation & Clearing	Data to*	мм/уууу							
₱ Biogas Flexibility Transfer	ORDER RESI	a							
	The report with	I be produced within the next 24 I	hours and sent to the e-m	ell eddress(es) listed	above.				
	Ordered ind	ividual reports							
	Report name		Order-ID	Data from	Data to	Created at		 	
	REFRESH								
	Administrat	ion of subscription							
				Order-ID	Expiration				
	Allocation data	(monthly)	D				SUBSCRIBE		
	Allocation data	(daily)					SUBSCRIBE		
盦 Imprint									
ap Data Protection Policy									

In the "Data Subscription" section, you can make an individual request for historical data.

The following individual requests can be made:

- Allocation evaluation (individual request)
- HL-LH conversion quantities

In addition, you can select subscriptions for data provided on a monthly (dispatch after completion of the delivery month) and/or daily basis.

Under a daily subscription, only the most recent data for checking the daily allocations is made available.

To request data as part of an individual request, you need to enter one or more recipient addresses and then specify the desired period in the "MM/YYYY" format. After you have clicked on "Order", the individual order will appear in the "ordered individual reports" list. The order will be processed within the next 24 hours and will generate a separate e-mail



for each month ordered. If you have access to the data of several companies, you will receive a separate file for each company.

The subscription function, on the other hand, is an automated process. When you click on "Subscribe" you will see the following window:

Subscribe		×
Name	Allocation data (monthly)	
Role	ВКУ	
Recipient*		ADD MORE E-MAIL ADDRESSES
ORDER C4	INCEL	

This is where the recipient (or recipients) must be entered. The process then has to be confirmed by clicking "Order", which takes you back to the overview.

The subscription expires automatically after one year, but can be extended by another year by clicking "Extend". The maximum duration of a subscription is 24 months. After this period has expired, the subscription must re-entered. The subscription can be terminated at any time by clicking "Unsubscribe".

Administration of subscription							
	Order-ID	Expiration					
Allocation data (monthly)	258	10/01/2021	UNSUBSCRIBE	EXTEND		EDIT	
Allocation data (daily)			SUBSCRIBE				
8.8 Restrict	ion of use						
E Customer Portal		04 (THE) - BGM	♥ ① Welcome to the Customer Por	rtal of THE	Contact: S	ervice@tradinghub.eu	දි _o Test UserBKV4 [ර
ධ Home	E Suspension of Linking	Arrangements					
Customer Self Care	Balancing group	TSO DVO	W Message receive	d	Suspension effective from	Sent by	DAC type
Balancing Group Contracts	Comments Brook	100010		-		June 19	one ope
움 Approval of Linking							
Data Portal >							
R Contact Persons Allocation & Clearing							
बन्ध Biogas Flexibility Transfer							

This is where restrictions of use for DZK balancing groups can be viewed. The system will display the balancing group, the DVGW code of the gas TSO that issued the restriction, the time of the notification, the start of the interruption, the login of the user who created the interruption and the DZK type.

In addition to what is displayed in the Portal, the BGM will also receive the information about the granted usage restriction by e-mail to the recipient retained in the master data.



The information that an interruption has been granted is sent both to the BGM of the BG concerned and to the higher-level BGM (if the BG has been assigned to another "foreign" BG).

Customer Portal		Test_BKV_04 (THE) -	BGM	♥ ① Weld	come to the Customer P	ortal of THE		Contact: Se	rvice@tradinghub.eu	දි _ත Test UserBKV4
යි Home	≓ Biogas Flexi	bility Transfer								
🖉 Customer Self Care	OREATE MESSAGE									
Balancing Group Contracts	Process ID	Send date	State	Date from	Date to	Туре	Own balancing group	Foreign/Own opposite	Sender	User
움 Approval of Linking	100037	29.04.2021 15:54	ок	01.01.2020 06:00	01.01.2021.06:00	NOMINT	GASPOOLBH0123456	GASPOOLBH0123457	DVGW (980900040	testuserbkv4
🗄 Data Portal >										
E Contact Persons Allocation & Clearing										
🕫 Biogas Flexibility Transfer										
Ŀ										
ם Imprint										
2 Data Protection Policy										
① Disclaimer «	Count 1	« < Page	1 of 1 > >	2						DELETE FILTERS

8.9 Biogas flexibility swap

If you have biogas balancing groups and have been authorised to swap biogas flexibilities in the Portal, you can check the flexibility transfer process here. To do so, click on "Create message" to open the relevant window. Please enter the current balancing period of your balancing group, the balancing group number of your own balancing group (must be a master balancing group), the role of the balancing group manager (i.e. delivering or receiving BG), the balancing group manager to which the quantities are to be transferred or from which quantities are to be received (the role is assigned automatically) and the quantity to be swapped. By clicking on "Create message" you can create a NOMINT message. For the swap to be successful, an identical message from the counterpart must be received. Only then will the transfer be executed.



As soon as the matching has been completed, you can view the swap in the Data Overview – Flexibility Account chart.

Create Biogas flex transfer								
Period from	dd.MM.yyyy	雦						
Period to	dd.MM.yyyy							
Own balancing group								
Balancing group role*	Oelivering balancing group	p						
	O Receiving balancing group	0						
External or own opposite balancing group								
Balancing group role	Receiving balancing group							
Amount (kWh)								
CREATE MESSAGE CA	NCEL							



9 Your contacts

If you have any further questions regarding the use of the Customer Portal, please contact the Customer and Contract Management Department:

E-mail: service@tradinghub.eu

Tel: +49 30 364289 400