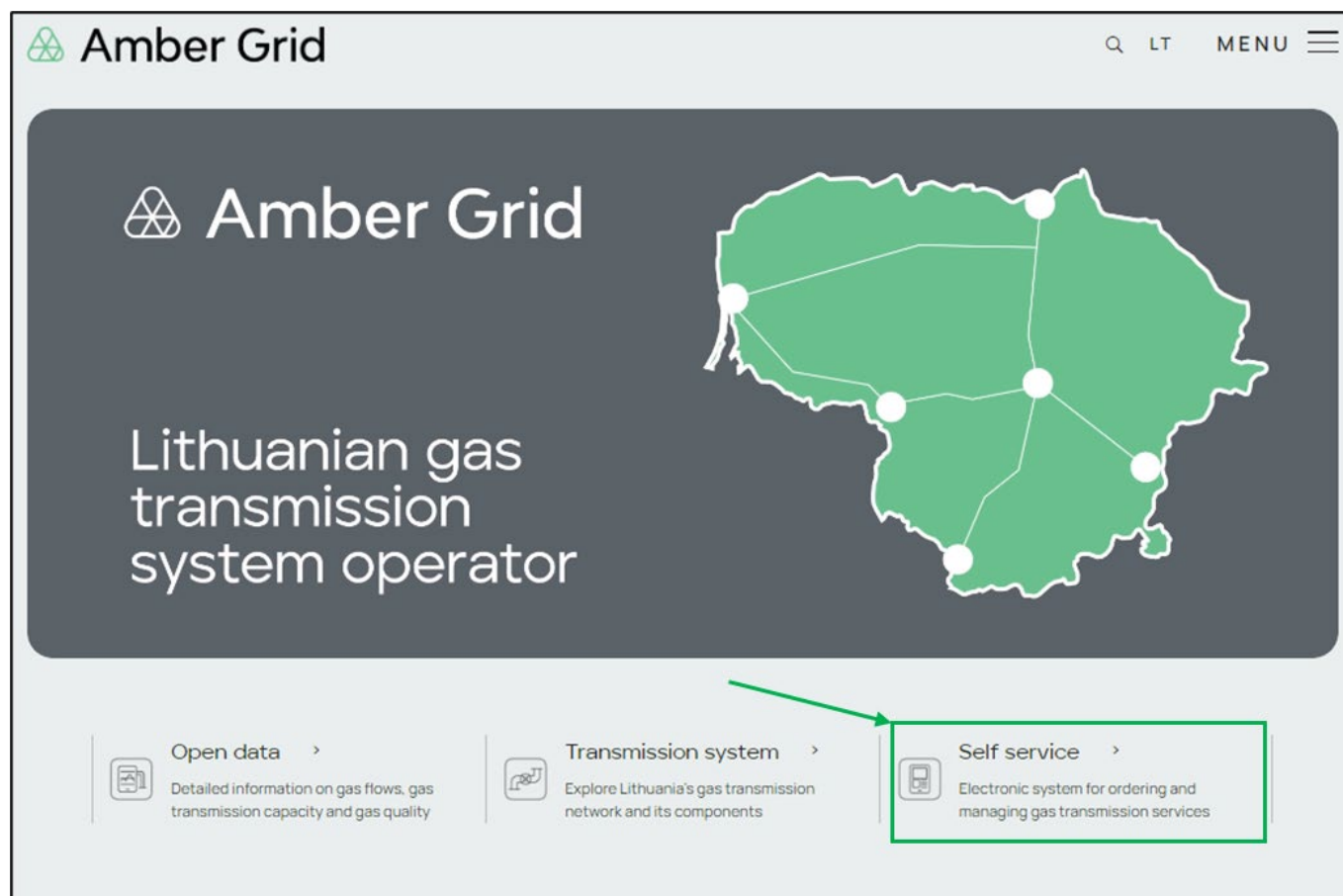


# USER MANUAL

## 1 CONNECTION TO THE SYSTEM

Access to the electronic transmission service booking and administration system (hereinafter – **Amber Flows** system) shall be open to Network Users who have signed an agreement for the right to use the electronic transmission service booking and administration system (hereinafter – ETSS agreement) and the annex to the ETSS agreement specifies the responsible persons (name, phone number, email address, etc.), who should be given access to the **Amber Flows** system.

You are welcome to connect to the **Amber Flows** via the website of AB Amber Grid at <http://my.ambergrid.lt>, in the Self-service section:



The screenshot shows the Amber Grid website interface. At the top left is the Amber Grid logo and name. At the top right are search, language (LT), and menu icons. The main content area features the Amber Grid logo and the text 'Lithuanian gas transmission system operator' next to a map of Lithuania. Below this, there are three main navigation sections: 'Open data', 'Transmission system', and 'Self service'. The 'Self service' section is highlighted with a green box and a green arrow pointing to it. The 'Self service' section description is 'Electronic system for ordering and managing gas transmission services'.

Click on the Self-service section to see the following links:

- ✓ **Amber Flows** – here, you can book capacity, nominate quantities, view data on booked capacity, etc. Login details are provided in the manual below.
- ✓ **Invoices for transmission services** - download invoices for transmission services. Login details can be found in the ETSS Agreement.
- ✓ **Historical data up to 01.10.2023** - you can view historical data (booked capacity, nominated quantities, etc.) for a period of one year from October 1, 2023. To access historical data, please use the Self-service login credentials you used before October 1, 2023.

Home / For clients / [Self service](#)

### Self service

A system user who has concluded the Natural Gas Transmission Service Contract with AB Amber Grid and is willing to use the electronic service booking and management system shall familiarize himself with [Rules for the use of the electronic transmission service booking and administration system.pdf](#) and sign [Agreement on the right to use the electronic transmission service booking and administration system.pdf](#)



Amber Flows\*

Login



Invoices for transmission services

Login



Historical data until 10/01/2023

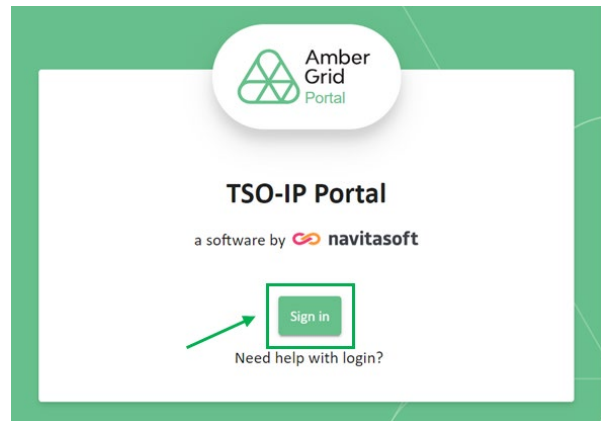
Login

\*The Electronic System can be accessed using Google Chrome (v115+), Mozilla Firefox (v115+) or Microsoft Edge (v115+) web browsers with JavaScript turned on. Microsoft Excel or similar program is required to open xls files.

## 1.1. Connection to the Amber Flows system

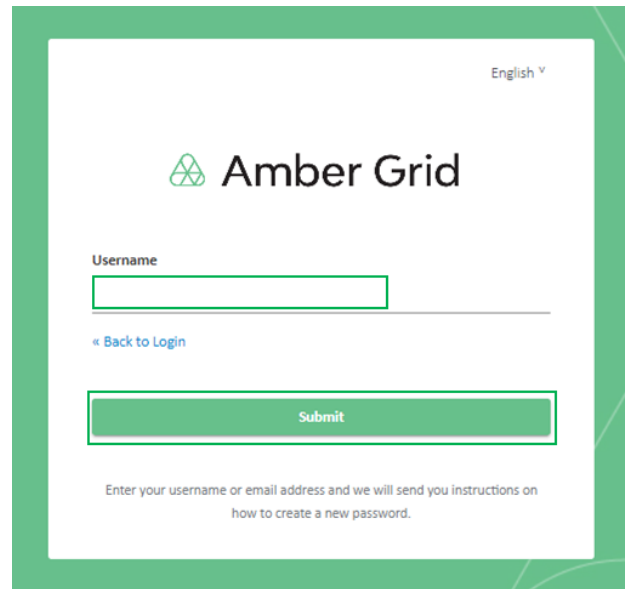
In order to access the **Amber Flows** system, only users designated by the System User and included in Annex 1 of the ETSS agreement are eligible.

To log in for the first time (or if you have forgotten your password) to the **Amber Flows** system, please go to [www.ambergrid.lt](http://www.ambergrid.lt), the Self-Service section, or <https://my.ambergrid.lt/sign-in>. In the newly opened window, click "SIGN IN":



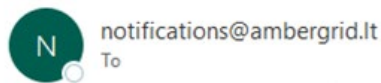
Choose a language and click on "FORGOT PASSWORD?":

In the new window "USER NAME" that opens, enter your email address and click "SUBMIT":



You will receive a notification from the [notifications@ambergrid.lt](mailto:notifications@ambergrid.lt) mailbox at the email address you have provided, explaining how to reset your password. Please note that the link you receive in the email will be valid for 60 minutes. After this time, you will not be able to log in to the **Amber Flows** system. In such a case, please follow the steps outlined in section 1.1 to repeat the process. Example of notification:

## Reset password



[Translate message to: Lithuanian](#) | [Never translate from: English](#) | [Translation preferences](#)

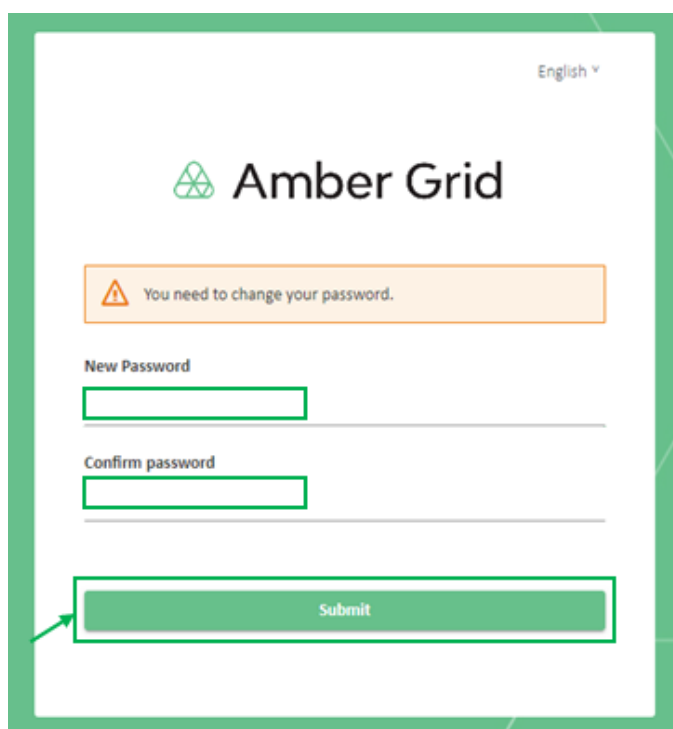
Someone just requested to change your my.ambergrid.lt account's credentials. If this was you, click on the link below to reset them.

[Link to reset credentials](#)

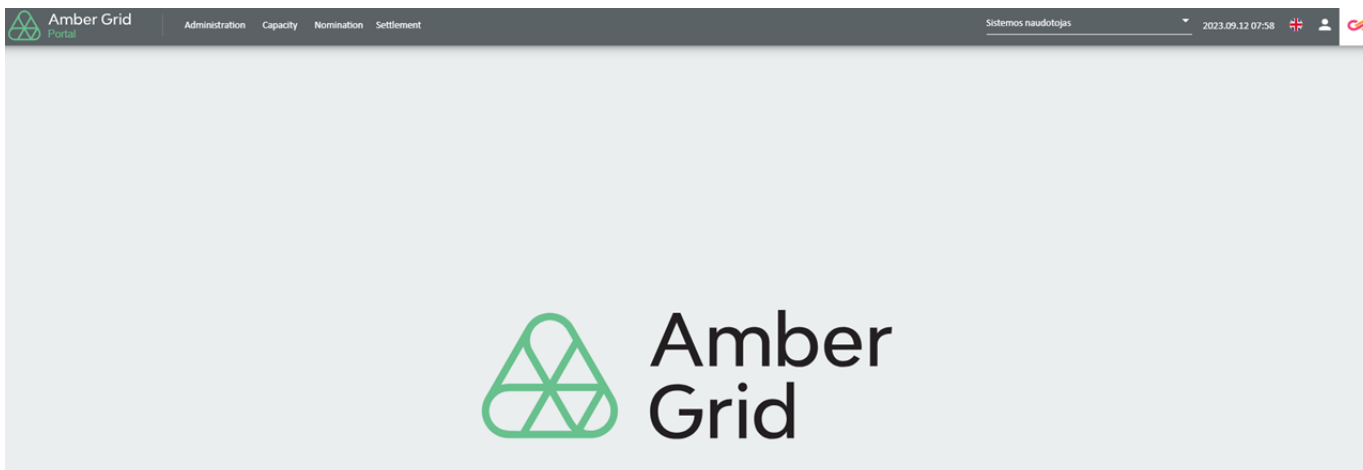
This link will expire within 1 hour.

If you don't want to reset your credentials, just ignore this message and nothing will be changed.

After receiving the notification, click on the link provided in the email. In the newly opened window, enter the password "NEW PASSWORD"; then repeat it in the "CONFIRM PASSWORD" field, and click "SUBMIT". Please note that we adhere to the highest security standards, so your password must consist of 12 characters, including at least one uppercase letter and one special symbol. Additionally, your password cannot match the previously used passwords.



After successfully entering your password, confirming it, and clicking "SUBMIT", you will be directed to the home page of the **Amber Flows** system:



## 2 HOME PAGE

1 – All Network user accounts are available here

2 – Language options

3 – Brief information about the user profile (account)

1 – Administration (Message Log - notifications of actions taken)

2 – Capacity booking and overview

3 – Nomination and Nomination overview

4 – Settlement

## 3 ADMINISTRATION

If you click on “ADMINISTRATION” in the menu bar, you will see “MESSAGE LOG”:

Message Log

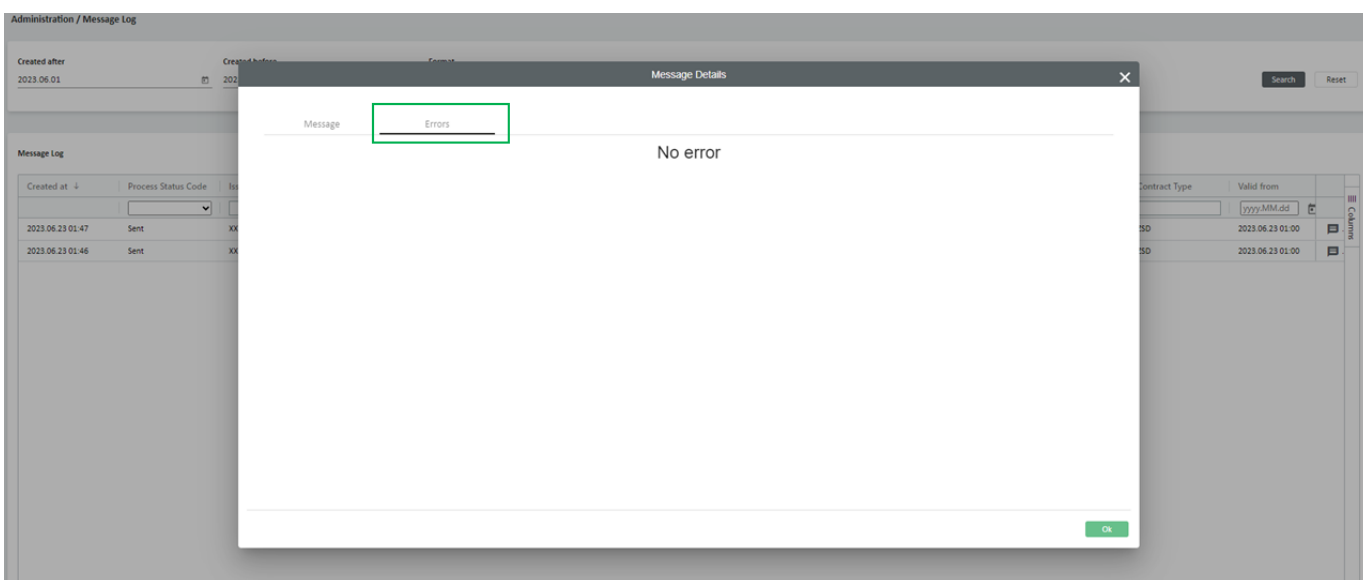
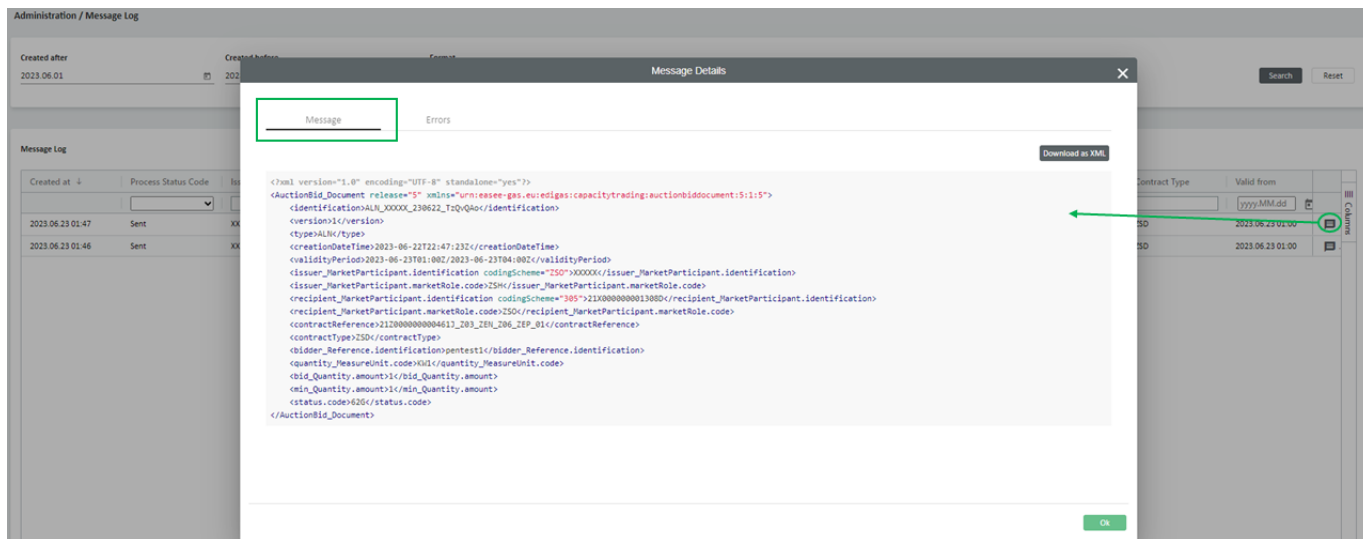
# Amber Grid

The “MESSAGE LOG” window displays incoming/outgoing messages regarding nominations, booked/allocated capacities, imbalances, etc.:

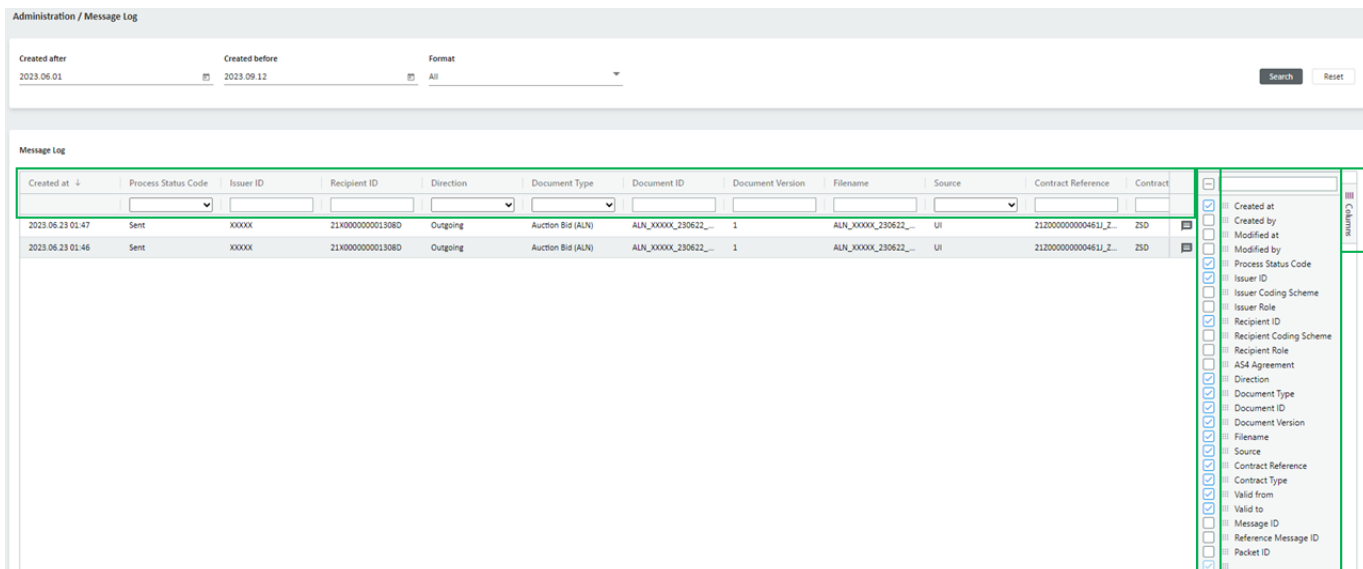
Created at	Process Status Code	Issuer ID	Recipient ID	Direction	Document Type	Document ID	Document Version	Filename	Source	Contract Reference	Contract Type	Valid from
2023.06.23 01:47	Sent	XXXXX	21X000000001308D	Outgoing	Auction Bid (ALN)	ALN_XXXXX_230622_...	1	ALN_XXXXX_230622_...	UI	2120000000004611_2...	ZSD	2023.06.23 01:00
2023.06.23 01:46	Sent	XXXXX	21X000000001308D	Outgoing	Auction Bid (ALN)	ALN_XXXXX_230622_...	1	ALN_XXXXX_230622_...	UI	2120000000004611_2...	ZSD	2023.06.23 01:00



By double-clicking on a specific message or selecting the message icon on the right side of the window, you can view and download the message information in XML format as well as view the error information:




In the “MESSAGE LOG” window, the filter setting allows you to view messages based on criteria such as date, process status, direction, document ID, etc. On the right-hand side of the window, by clicking on the “COLUMNS” button, you can select the information you want to see when unticking or ticking the boxes:



## 4 CAPACITY

When you click on “CAPACITY” in the menu bar, you will find five options: “Offered Capacities”, “Capacity Secondary Trading”, “Capacity Surrendering”, “Capacity Overview”, and “Consumption Capacities”:




**1 Offered Capacities** - the offered capacity window (shows all the information at which connection points and which type of capacity products are available)

**2 Capacity Secondary trading** - capacity Secondary trading (possibility to use already booked capacity for sale to another user)

**3 Capacity Surrendering** - capacity surrendering (bringing back to the market capacity already booked)

**4 Capacity overview** - provides all capacities, including total booked and transferred/received capacities.

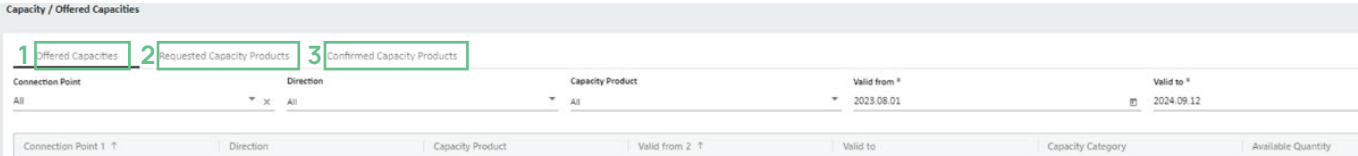
**5 Consumption capacities** - planned and booked/ determined consumption capacities and their excesses.



### 4.1. Offered capacities

In the “OFFERED CAPACITY” window, you will find information on the available capacity for booking (Annual, Quarterly, Monthly, and Daily capacities). The “REQUEST CAPACITY PRODUCTS” window displays information on booked, but unconfirmed capacity, while the “CONFIRMED CAPACITY PRODUCTS” window shows information on confirmed capacity.

Please note that information on planned capacity restrictions and (un)planned maintenance works is available at [www.ambergrid.lt](http://www.ambergrid.lt) under Open Data.

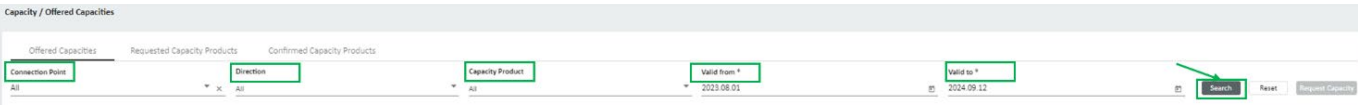


**1 Offered Capacities** - Available offered capacity space (shows product information for all connection points and different capacities).

**2 Requested Capacity Products** - The space of requested capacity products (shows all capacity requested but not yet confirmed).

**3 Confirmed Capacity Products** - The space of Confirmed capacity (information on all available and confirmed capacity).

In the “OFFERED CAPACITY” window, to book capacity, choose the “connection point”, “direction”, “capacity product”, time period and then click “SEARCH”:



Connection Point	Direction	Capacity Product	Valid from	Valid to	Capacity Category	Available Quantity	Unit
Klaipėdos D&S	Entry	Daily	2023-09-30 07:00	2023-10-01 07:00	Firm	64 838 256	kWh/d
Klaipėdos D&S	Entry	Daily	2023-09-29 07:00	2023-09-30 07:00	Firm	64 838 256	kWh/d
Klaipėdos D&S	Entry	Daily	2023-09-28 07:00	2023-09-29 07:00	Firm	64 838 256	kWh/d



To book capacity, select the “Connection Point”, “Direction”, “Capacity Product”, “Period”, and click “REQUEST CAPACITY” button (the button becomes active when the row is ticked).

Capacity / Offered Capacities

Connection Point	Direction	Capacity Product	Valid from *	Valid to *	Capacity Category	Available Quantity	Unit
All	All	All	2023.08.01	2024.09.12			
Klaipėdos DAS	Entry	Daily	2023.09.12 07:00	2023.09.13 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.13 07:00	2023.09.14 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.14 07:00	2023.09.15 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.15 07:00	2023.09.16 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.16 07:00	2023.09.17 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.17 07:00	2023.09.18 07:00	Firm	64 838 256	kWh/d

If you are not satisfied with the selection, click on the “RESET” button and use the filter to select the capacity you want to book, selecting “Connection point”, “Direction”, “Capacity product”, period, etc.

Capacity / Offered Capacities

Connection Point	Direction	Capacity Product	Valid from *	Valid to *	Capacity Category	Available Quantity	Unit
All	All	All	2023.08.01	2024.09.12			
Klaipėdos DAS	Entry	Daily	2023.09.20 07:00	2023.10.01 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.29 07:00	2023.09.30 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.28 07:00	2023.09.29 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.27 07:00	2023.09.28 07:00	Firm	64 838 256	kWh/d
Klaipėdos DAS	Entry	Daily	2023.09.26 07:00	2023.09.27 07:00	Firm	64 838 256	kWh/d

In the additional window “SUBMIT CAPACITY BOOKING”, enter the quantity you need to book (kWh/day) and click “SUBMIT”.

**Note:** minimum quantity\* – a minimum quantity that satisfies, if 1 satisfies – do not change anything, otherwise enter the required quantity:

Submit Capacity Request

Contract Reference	212000000003697_Z02_ZEM_Z06_ZEP_01
Auction Status	PROCESS_STATUS_62G
Connection Point	Klaipėdos DAS
Connection Point EIC	212000000003697
Direction	Entry
Length	Daily
Valid from	2023.09.26 07:00
Valid to	2023.09.27 07:00
Availability	Firm
Available Quantity	64 838 256 kWh/d

Quantity \*  kWh/d      Minimum Quantity \*  kWh/d

The Amber Flows system will additionally ask you to confirm the capacity booking.

Submit Capacity Request

Contract Reference	212000000003697_Z02_ZEM_Z06_ZEP_01
Auction Status	PROCESS_STATUS_62G
Connection Point	Klaipėdos DAS
Connection Point EIC	
Direction	
Length	
Valid from	
Valid to	
Availability	
Available Quantity	

Capacity Request Confirmation

Are you sure that you want to submit the capacity request?

Quantity \*  kWh/d      Minimum Quantity \*  kWh/d



“REQUESTED CAPACITY PRODUCTS” section shows the capacity products that have been submitted for booking:

Status	Connection Point	Direction	Capacity Product	Valid from	Valid to	Capacity Category	Requested Quantity	Quantity min	Unit	Created at
Sent	Birly 5S	Exit	Yearly	2023.10.01 07:00	2024.10.01 07:00	Firm	100	1	kWh/d	2023.08.23 14:33
Sent	Klaipėdos DAS	Entry	Daily	2023.08.24 07:00	2023.08.25 07:00	Firm	100	1	kWh/d	2023.08.23 14:28
Accepted	Klaipėdos DAS	Entry	Daily	2023.09.08 07:00	2023.09.09 07:00	Firm	100	1	kWh/d	2023.09.08 08:47
Sent	Vytarų BAS	Entry	Monthly	2023.09.01 07:00	2023.10.01 07:00	Firm	200	1	kWh/d	2023.08.23 14:34

By double-clicking on a specific message or selecting the message icon on the right side of the window, it is possible to view the message’s status and information:

**Acknowledgement Messages**

**Status**  
Message accepted with remarks

**Message**  
A message has been accepted with specific remarks governing its acceptance.

OK

**Note:**

- to ensure that the booked capacity products have been received and processed successfully by the **Amber Flows** system and to avoid errors, etc. We recommend that you periodically check the status “REQUESTED CAPACITY PRODUCTS”.
- at the interconnection point between the Lithuanian and Polish transmission systems (Santaka to LT/PL), capacity is published and allocated on the **GSA platform**.
- at the interconnection point between the Lithuanian and Latvian transmission systems (Kiemėnai to LT/LV), capacity is published and allocated through the **capacity booking platform** operated by the Latvian transmission system operator, “CONEXUS BALTIC GRID”.

Main meaning status of “REQUESTED CAPACITY PRODUCTS”:

**Confirmed** - the **Amber Flows** system has accepted the requested capacity products and started processing them.

**Process failed** - something went wrong during the sending process. In this status, contact the Amber Grid to resolve the issue.

**Rejected** - the **Amber Flows** system has not accepted the requested capacity products; the rejection status is displayed in the main window by double-clicking on the selected line or by clicking on the confirmation message on the right of the window.

**Sending** - the requested capacity products have been submitted and the sending process is still ongoing. The status is updated when the sending of the message is finished.

**Sent** - the sending process has been completed; the confirmation process is still ongoing. The status is updated when confirmation is received.

“CONFIRMED CAPACITY PRODUCTS” section shows the capacity products that have been booked:

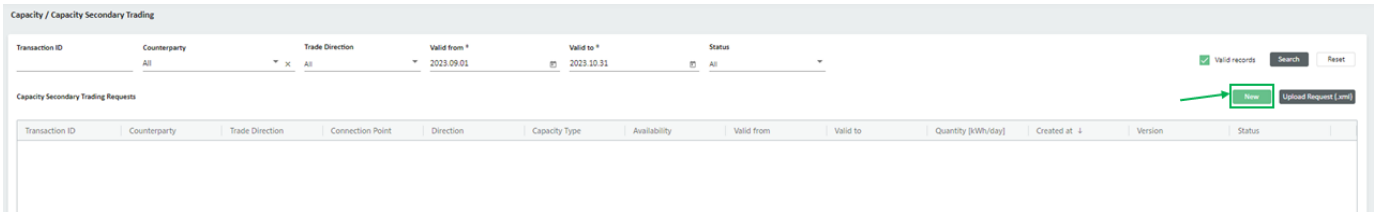
Connection Point	Direction	Capacity Product	Valid from	Valid to	Capacity Category	Confirmed Quantity	Unit	Created at
Klaipėdos DAS	Entry	Monthly	2023.07.01 07:00	2023.08.01 07:00	Firm	62 500	kWh/h	2023.07.25 09:35
Klaipėdos DAS	Entry	Within-day	2023.07.22 06:00	2023.07.22 07:00	Firm	625 000	kWh/h	2023.07.22 04:20
Klaipėdos DAS	Entry	Yearly	2022.10.01 07:00	2023.10.01 07:00	Firm	625 000	kWh/h	2023.06.22 14:46
Kiemėnai DAS	Exit	Yearly	2022.10.01 07:00	2023.10.01 07:00	Firm	80 000 000	kWh/d	2023.08.10 16:43
Klaipėdos DAS	Entry	Quarterly	2023.07.01 07:00	2023.10.01 07:00	Firm	291 667	kWh/h	2023.07.25 09:34



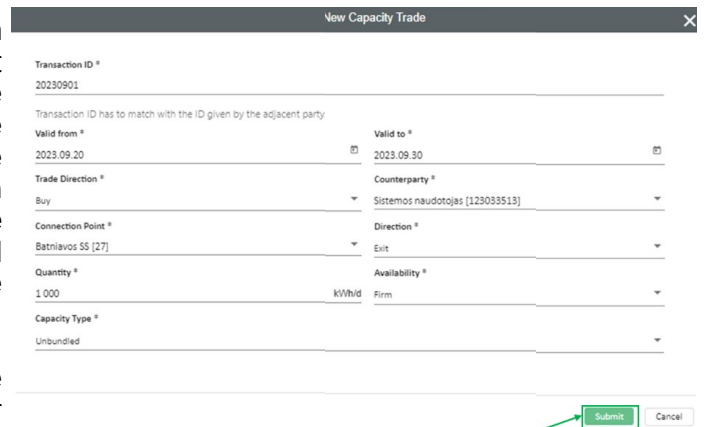


## 4.2. Capacity Secondary Trading

If you have entered into a purchase/sale contract on the secondary capacity market with another network user, both parties must submit a request through the “CAPACITY SECONDARY TRADING” window. In this case, on the right side of this window, click “NEW”.



An additional window “NEW CAPACITY TRADE” opens, which allows you to submit a capacity sale or purchase request. You must specify the unique Transaction ID (matching the Transaction ID of the seller and the buyer), the period of transferred capacity, the side of the transaction (buying or selling), connection point and direction, counterparty (to be completed only by the seller), quantity, and availability. Once you have entered all the required information, click “SUBMIT”.



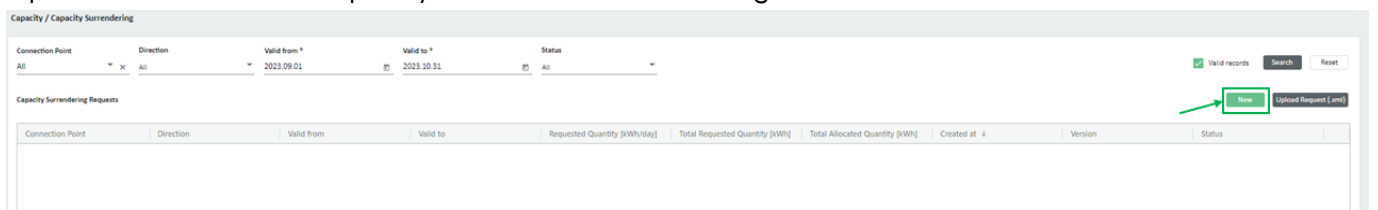
Please note that at the end of the period, the initial capacity owner will be responsible for paying for any capacity that has been transferred to the secondary capacity market.

### Notes:

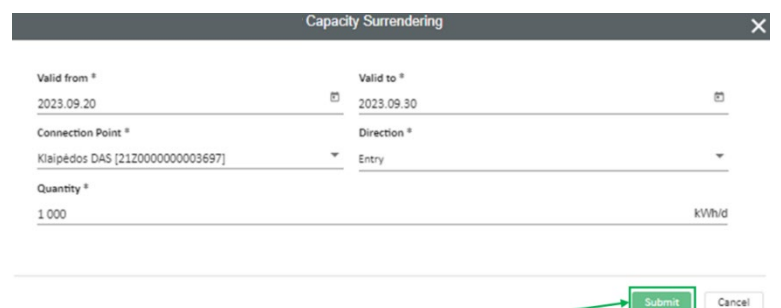
- In the **Amber Flows** system, you do not need to enter the following secondary capacity market transactions:
- at the interconnection point between the Lithuanian and Polish transmission systems (Santaka to LT/PL), you can purchase capacity in the secondary capacity market on the **GSA platform**.
- at the interconnection point between the Lithuanian and Latvian transmission systems (Kiemėnai to LT/LV), you can purchase capacity in the secondary capacity market on the **capacity booking platform** operated by the Latvian transmission system operator, “CONEXUS BALTIC GRID”.

## 4.3. Capacity surrendering

In the “CAPACITY SURRENDERING”, you can return booked capacity to the transmission system operator. To surrender capacity, click on “NEW” on the right of the main window:



An additional window “NEW CAPACITY SURRENDERING” will appear, enter the capacity expiry dates, the connection point, its direction, and the quantity to be returned, and click SUBMIT.



By requesting surrender, the status of the surrender is displayed in the Status window (All, Accepted, Rejected, etc.).

Capacity / Capacity Surrendering

Connection Point: Klaipėdos DAS | Direction: All | Valid from: 2023.02.01 | Valid to: 2023.09.12 | Status: All

Valid records | Search | Reset

Capacity Surrendering Requests

New | Upload Request Limit

Connection Point	Direction	Valid from	Valid to	Requested Quantity [kWh/day]	Total Requested Quantity [kWh]	Total Allocated Quantity [kWh]	Created at	Version	Status
Klaipėdos DAS	Entry	2023.08.22 07:00	2023.08.25 07:00	3 000 000	9 000 000	0	2023.08.18 08:35	1	Closed
Klaipėdos DAS	Entry	2023.08.17 07:00	2023.08.21 07:00	2 400 000	9 600 000	0	2023.08.17 14:30	1	Closed
Klaipėdos DAS	Entry	2023.08.15 07:00	2023.08.18 07:00	15 000 000	45 000 000	0	2023.08.16 11:14	1	Closed
Klaipėdos DAS	Entry	2023.07.25 07:00	2023.07.30 07:00	600 000	3 000 000	0	2023.07.27 15:46	1	Closed
Klaipėdos DAS	Entry	2023.07.21 07:00	2023.07.22 07:00	15 000 000	15 000 000	15 000 000	2023.07.20 13:51	1	Closed
Klaipėdos DAS	Entry	2023.06.21 07:00	2023.06.22 07:00	1 999 992	1 999 992	0	2023.06.20 06:47	1	Closed
Klaipėdos DAS	Entry	2023.05.18 07:00	2023.05.24 07:00	25 000	150 000	0	2023.05.16 13:19	1	Closed
Klaipėdos DAS	Entry	2023.05.18 07:00	2023.05.27 07:00	14 400 000	129 600 000	129 600 000	2023.05.16 09:33	1	Closed
Klaipėdos DAS	Entry	2023.04.16 07:00	2023.05.01 07:00	10 000 000	150 000 000	0	2023.04.14 13:50	1	Accepted

Selecting the message icon on the right side of the window will open an additional window with the “ACKNOWLEDGEMENT MESSAGES” information, where you can view the status of the “CAPACITY SURRENDERING”.

Pajūgumai / Pajūgumų atsiakymas

Sujungimo taškas: Klaipėdos DAS | Kryptis: Visi | Galioja nuo: 2023.02.01 | Galioja iki: 2023.09.12 | Būsena: Visi

Galiojantys pajūgumai | Išleisti | Nuspausti iš naujo

Pajūgumų atsiakymo pranešimai

New | Pažinti pranešimų limitą

Sujungimo taškas	Kryptis	Galioja nuo	Galioja iki	Atsiakomas kiekis [kWh/day]	Bendras atsiakomas kiekis [kWh]	Bendras atsiakytas kiekis [kWh]	Sukurta	Versija	Būsena
Klaipėdos DAS	Įėjimas	2023.08.22 07:00	2023.08.25 07:00	3 000 000	9 000 000	0	2023.08.18 08:35	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.08.17 07:00	2023.08.21 07:00	2 400 000	9 600 000	0	2023.08.17 14:30	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.08.15 07:00	2023.08.18 07:00	15 000 000	45 000 000	0	2023.08.16 11:14	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.07.25 07:00	2023.07.30 07:00	600 000	3 000 000	0	2023.07.27 15:46	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.07.21 07:00	2023.07.22 07:00	15 000 000	15 000 000	15 000 000	2023.07.20 13:51	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.06.21 07:00	2023.06.22 07:00	1 999 992	1 999 992	0	2023.06.20 06:47	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.05.18 07:00	2023.05.24 07:00	25 000	150 000	0	2023.05.16 13:19	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.05.18 07:00	2023.05.27 07:00	14 400 000	129 600 000	129 600 000	2023.05.16 09:33	1	Uždaryta
Klaipėdos DAS	Įėjimas	2023.04.16 07:00	2023.05.01 07:00	10 000 000	150 000 000	0	2023.04.14 13:50	1	Prisita

**Pavirtinimo pranešimai**

Būsena: Priimta

Pranešimas: The message has been processed and accepted.

OK

Main meaning status of “CAPACITY SURRENDERING”:

**Confirmed** - the Amber Flows system has accepted the requested capacity products and started processing them.

**Process failed** - something went wrong during the sending process. In this status, contact the Amber Grid to resolve the issue.

**Rejected** - the Amber Flows system has not accepted the requested capacity products; the rejection status is displayed in the main window by double-clicking on the selected line or by clicking on the confirmation message on the right of the window.

**Sending** - the requested capacity products have been submitted and the sending process is still ongoing. The status is updated when the sending of the message is finished.

**Sent** - the sending process has been completed; the confirmation process is still ongoing. The status is updated when confirmation is received.

**Note:** “CAPACITY SURRENDERING” is available at the Klaipėda DAS (entry) connection point only.

#### 4.4. Capacity Overview

The “CAPACITY OVERVIEW” window shows all capacities, including total booked capacity and transferred/received capacity, with data provided on daily or hourly basis. To view the capacity of a specific connection point, use the filter to select “connection point”, “direction”, “valid from”, “valid to” and then click “SEARCH”.

Capacity / Capacity Overview

Daily Overview | Hourly Overview

Connection Point: New BAS | Direction: All | Valid from: 2024.02.19 | Valid to: 2024.02.28

Search | Reset

Connection Point	Direction	Gas Day	Booked (kWh/d)	Received (kWh/d)	Transferred (kWh/d)	Pending Transferred (k...)	Surrendered (kWh/d)	Pending Surrendered (k...)	Total Available for Nomination (kWh/d)	Total Available
New BAS	Entry	2024.02.19	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.20	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.21	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.22	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.23	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.24	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.25	0	0	0	0	0	0	0	0



If you are not satisfied with the selection, click on the “RESET” button and use the filter to choose the desired information about capacities, selecting options such as “Connection point”, “Direction”, period, etc.

Capacity / Capacity Overview

Daily Overview | Hourly Overview

Connection Point: New BAS | Direction: All | Valid from: 2024.02.19 | Valid to: 2024.02.28

Search | Reset

Connection Point	Direction	Gas Day	Booked (kWh/d)	Received (kWh/d)	Transferred (kWh/d)	Pending Transferred (k...)	Surrendered (kWh/d)	Pending Surrendered (k...)	Total Available for Nomination (kWh/d)	Total Available
New BAS	Entry	2024.02.19	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.20	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.21	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.22	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.23	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.24	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.25	0	0	0	0	0	0	0	0
New BAS	Entry	2024.02.26	0	0	0	0	0	0	0	0

**Note:** if you select “Hourly overview”, you can only view the capacity at Santaka connection point, where hourly gas metering/ accounting is applied.

In this case, select “Connection point” as Santaka DAS, choose the “Direction”, specify the “Gas day” and then press “SEARCH”.

Capacity / Capacity Overview

Daily Overview | Hourly Overview

Connection Point: Santaka DAS | Direction: Exit | Gas day: 2024.02.27

Search | Reset

Connection Point	Direction	Gas Day	Gas Hour	Booked (kWh/h)	Received (kWh/h)	Transferred (kWh/h)	Pending Transferred (...)	Surrendered (kWh/h)	Pending Surrendered ...	Total Available for No...	Total Available for Tra...
Santaka DAS	Exit	2024.02.27	07:00-08:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	08:00-09:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	09:00-10:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	10:00-11:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	11:00-12:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	12:00-13:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	13:00-14:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	14:00-15:00	0	0	0	0	0	0	0	0

To save the “CapacityOverview” data, move the mouse over the table, press the right mouse button and download the data in the desired format.

Capacity / Capacity Overview

Daily Overview | Hourly Overview

Connection Point: Santaka DAS | Direction: Exit | Gas day: 2024.02.27

Search | Reset

Connection Point	Direction	Gas Day	Gas Hour	Booked (kWh/h)	Received (kWh/h)	Transferred (kWh/h)	Pending Transferred (...)	Surrendered (kWh/h)	Pending Surrendered ...	Total Available for No...	Total Available for Tra...
Santaka DAS	Exit	2024.02.27	07:00-08:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	08:00-09:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	09:00-10:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	10:00-11:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	11:00-12:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	12:00-13:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	13:00-14:00	0	0	0	0	0	0	0	0
Santaka DAS	Exit	2024.02.27	14:00-15:00	0	0	0	0	0	0	0	0

Export menu: Copy, Copy with Headers, Paste, Export (CSV Export, Excel Export, XML Export)

## 4.5 Consumption capacities

If you use gas in the territory of Lithuania, the “CONSUMPTION CAPACITIES” window allows you to view the booked/set consumption capacity for the specified calendar year (forecast), the consumption capacity applied in each reporting month, and their excesses (fact). Additionally, it provides information on the annual consumption capacities and their excesses calculated at the end of the reporting calendar year (final).



To view the consumption capacities of a specific connection point, use the filter to select “Connection point”, “Status”, “Valid from”, “Valid to” and then click “SEARCH”.

Capacity / Consumption Capacities

Connection Point: All | Status: All | Valid from: | Valid to: | Valid records:  | Search | Reset

Forecast	Fact	Final					
Network User	Connection Point	Valid from	Valid to	Version 2 ↓	Status	Consumption Capacity [kW...	Consumption Capacity with DHC [kWh/d/year]
AG TEST2	Grigiskiy DSS	2024.01.01	2024.12.31	1	Created	42 000	

If you are not satisfied with the selection, click on the “RESET” button and use the filter to select the desired information about consumption capacities, selecting “Connection point”, “Status”, “Valid from”, “Valid to” and then click “SEARCH”.

Capacity / Consumption Capacities

Connection Point: All | Status: All | Valid from: | Valid to: | Valid records:  | Search | Reset

New

Forecast	Fact	Final					
Network User	Connection Point	Valid from	Valid to	Version 2 ↓	Status	Consumption Capacity [kW...	Consumption Capacity with DHC [kWh/d/year]
AG TEST2	Grigiskiy DSS	2024.01.01	2024.12.31	1	Created	42 000	

## 5 NOMINATION

When you click on “NOMINATION” in the menu bar, you should see two options: “Nomination” and “Nomination overview”:

Amber Grid Portal

Administration Capacity **Nomination** Settlement

- 1 Nomination
- 2 Nomination Overview

1 **Nomination** - window for submitting and revising nomination

2 **Nomination overview** - Overview window for Nomination and revisions already submitted

### 5.1. Nomination

To submit a nomination, select the required date and click NEW.

Nomination / Nomination

Nominations

New Day: 2023.09.13 | Valid records:  | Refresh

Connection Point	Counterparty 2 ↑	Counterparty EIC	Direction 4 ↑	Nomination Type	Status	Nomination Created	Response Arrived	Nomination Version 3 ↓	Response Version	Nomination [kWh/d]	Confirmed [kWh/d]	
SUM											0	0

0 to 0 of 0 | Page 0 of 0

Load New Modify Upload Nomination [vms] Submit

Hourly Distribution

Connection Point :  
Counterparty :  
Direction :  
Nomination Version :  
Response Version :

Hours	Nomination [kWh/h]	Response [kWh/h]



In the additional window "NEW NOMINATION", select the Connection Point, the direction, the counterparty (if there is no counterparty, the representative system user shall be selected), enter the daily value to be requested, and click SAVE. A new NOMINATION has been entered and saved, but not yet submitted.

New Nomination ✕

<b>Gas Day *</b> 2023.09.13	<b>Connection Point *</b> Kiemėnų DAS [212000000000153U]
<b>Direction *</b> Exit	<b>Counterparty *</b> Sistemas naudotojas [123033513]
<b>Daily Value *</b> 1 000	<b>Nomination Type *</b> Double-sided

The daily value will be distributed between the hours equally, rounded to integer, with the remain added to the last hour.



To SUBMIT a nomination, click "SUBMIT":

Nominations

Gas Day \*  
2023.09.13 Valid records

Connection Point	Counterparty 2	Counterparty EIC	Direction 4	Nomination Type	Status	Nomination Created	Response Arrived	Nomination Version	Response Version	Nomination [kWh/d]	Confirmed [kWh/d]
Kiemėnų DAS	Sistemas naudotojas	123033513	Exit	Double-sided	Saved	2023.09.12 13:22:42		1		1 000	
<b>SUM</b>										-1 000	0

1 to 1 of 1 Page 1 of 1

Load New Modify Upload Nomination (.xml) **Submit**

Hourly Distribution

Connection Point : Kiemėnų DAS  
Counterparty : Sistemas naudotojas  
Direction : Exit  
Nomination Version : 1  
Response Version : 1

Hours	Nomination [kWh/h]	Response [kWh/h]
07:00-08:00	41	
08:00-09:00	41	
09:00-10:00	41	
10:00-11:00	41	
11:00-12:00	41	
12:00-13:00	41	
13:00-14:00	41	
14:00-15:00	41	
15:00-16:00	41	
16:00-17:00	41	
17:00-18:00	41	
18:00-19:00	41	
19:00-20:00	41	
20:00-21:00	41	
21:00-22:00	41	
22:00-23:00	41	
23:00-00:00	41	
00:00-01:00	41	
01:00-02:00	41	
02:00-03:00	41	
03:00-04:00	41	
04:00-05:00	41	
05:00-06:00	41	

Copy Response Copy Download Save Cancel

The **Amber Flows** system will additionally ask "Are you sure you want to submit a quantity application?":

Nominations

Gas Day \*  
2023.09.13 Valid records

Connection Point	Counterparty 2	Counterparty EIC	Direction 4	Nomination Type	Status	Nomination Created	Response Arrived	Nomination Version	Response Version	Nomination [kWh/d]	Confirmed [kWh/d]
Kiemėnų DAS	Sistemas naudotojas	123033513	Exit	Double-sided	Saved	2023.09.12 13:22:42		1		1 000	
<b>SUM</b>										-1 000	0

1 to 1 of 1 Page 1 of 1

Load New Modify Upload Nomination (.xml) **Submit**

Hourly Distribution

Connection Point : Kiemėnų DAS  
Counterparty : Sistemas naudotojas  
Direction : Exit  
Nomination Version : 1  
Response Version : 1

Hours	Nomination [kWh/h]	Response [kWh/h]
07:00-08:00	41	
08:00-09:00	41	
09:00-10:00	41	
10:00-11:00	41	
11:00-12:00	41	
12:00-13:00	41	
13:00-14:00	41	
14:00-15:00	41	
15:00-16:00	41	
16:00-17:00	41	
17:00-18:00	41	
18:00-19:00	41	
19:00-20:00	41	
20:00-21:00	41	
21:00-22:00	41	
22:00-23:00	41	
23:00-00:00	41	
00:00-01:00	41	
01:00-02:00	41	
02:00-03:00	41	
03:00-04:00	41	
04:00-05:00	41	
05:00-06:00	41	

Copy Response Copy Download Save Cancel

**Submit nomination**

Are you sure you want to send the saved nominations?



Confirm sending the nomination by clicking “YES” and check the status:

The screenshot shows the 'Nomination / Nomination' interface. At the top, it displays 'Gas Day \*' as 2023.09.20 and a 'Valid records' indicator. Below this is a table with columns: Connection Point, Counterparty 2, Counterparty EIC, Direction 4, Nomination Type, Status, Nomination Created, Response Arrived, Nomination Version, Response Version, Nomination [kWh/d], and Confirmed [kWh/d]. Two rows are visible: 'Santala DAS' and 'VTP\_L7'. The 'Status' column for both rows is 'Accepted', highlighted with a green box. A green arrow points to the 'Status' column header. To the right, there is a 'Hourly Distribution' section with a table for 'Hours', 'Nomination [kWh/h]', and 'Response [kWh/h]'. The 'SUM' row at the bottom shows a total of 9,000 kWh/d.

After sending the saved nominations, the status of the nominations can be checked:

This screenshot shows the 'Nomination / Nomination' interface after a nomination has been saved. The 'Gas Day \*' is now 2023.09.13. The table contains one nomination: 'Klamėnų DAS' with a status of 'Accepted', highlighted with a green box. The 'Hourly Distribution' table on the right shows a constant nomination of 41 kWh/h for every hour from 07:00-08:00 to 05:00-06:00. The 'SUM' row at the bottom shows a total of -1,000 kWh/d.

Main meaning status of “NOMINATION”:

**Saved** - nomination is saved but not submitted.

**Sending** - nomination is submitted, the sending process is still ongoing. The status is updated when the sending process is completed.

**Sent** - the sending process is completed, but the confirmation process is still ongoing. The status is updated upon receiving confirmation.

**Accepted** - Amber Flows system has received the nomination and started processing it.

**Rejected** - Amber Flows system did not accept the nomination; the rejection status is displayed in the main window.

The right side of the “NOMINATION” window shows the hourly distribution of booked nominations.

This screenshot is similar to the previous one, showing the 'Nomination / Nomination' interface for 2023.09.13. The 'Status' column for the 'Klamėnų DAS' nomination is highlighted with a green box. A green arrow points from the 'Status' column to the 'Hourly Distribution' table on the right, which shows a constant nomination of 41 kWh/h for every hour. The 'SUM' row at the bottom shows a total of -1,000 kWh/d.



As of March 1, 2022, the submission of nominations at the domestic exit point is optional. In such cases, if you anticipate that your consumption will exceed the available booked transmission capacity, you will need to order additional capacity products following the instructions in point 4.1.

For example, you have booked for 1000 kWh/d of monthly capacity product at one of the domestic points for the within-day and you notice that your consumption will exceed this figure to 1500 kWh/d. In this case, you should click on the "OFFERED CAPACITIES" section (filter by the required connection point, date, within-day products) and find the row you need and book an additional 500 kWh/d within-day capacity product.

If you as a consumer, have multiple domestic exit points, it is important that the total consumption of these domestic exit points does not exceed the sum of the available booked transmission capacity. Information about transactions made on the exchange will reach us from the exchange operator and the user is not required to do anything extra on the **Amber Flows** system.

## 5.2. VTP\_LT nomination

VTP nominations are submitted to declare the purchase or sale of gas to the other party in the transaction.

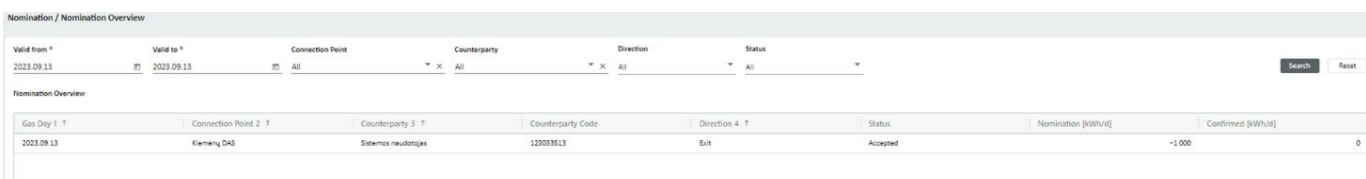
The purchased/acquired amount of gas is booked through regular nominations, with VTP\_LT selected as the connection point.

When submitting nominations at the VTP point, one declaring party, typically the SELLER, is sufficient. In this case, you must select the "ONE-SIDED" nomination type. It's essential to note that the declaring party must inform the transmission system operator of the specific counterparty before making requests for this particular quantity type. Failure to do so will result in REJECTED nominations.

A "DOUBLE-SIDED" nomination type is also an option, but in this case, both sides of the transaction must declare the purchase/sale. If the transaction occurs on the CURRENT DAY, both parties must declare it for the same gas hour. Otherwise, submitted nominations will be approved for less than the full declared quantity.

## 5.3. Nomination overview

By selecting the NOMINATION OVERVIEW window, the filter settings allow you to view all submitted quantity requests according to the selected dates, connection points, counterparties, directions and status of the requests.



The screenshot shows the 'Nomination / Nomination Overview' interface. At the top, there are filter settings for 'Valid from', 'Valid to', 'Connection Point', 'Counterparty', 'Direction', and 'Status'. Below these filters is a table with the following columns: 'Gas Day', 'Connection Point', 'Counterparty', 'Counterparty Code', 'Direction', 'Status', 'Nomination [kWh/d]', and 'Confirmed [kWh/d]'. The table contains one row of data.

Valid from *	Valid to *	Connection Point	Counterparty	Direction	Status		
2023.09.13	2023.09.13	All	All	All	All	Search	Reset
Nomination Overview							
Gas Day 1 T	Connection Point 2 T	Counterparty 3 P	Counterparty Code	Direction 4 T	Status	Nomination [kWh/d]	Confirmed [kWh/d]
2023.09.13	Kemény DAS	Sármény neudotjas	12803813	Exit	Accepted	-1000	0



## 6 SETTLEMENT

Amber Grid Portal Administration Capacity Nomination Settlement Sistemos naudotojas 2023.09.12 14:46

- 1 Imbalance
- 2 Allocation
- 3 Forecast
- 4 Partner Details
- 5 Agreement Details
- 6 Account Details
- 7 Invoice Overview

1 **Imbalance** – balancing account

2 **Allocation** – allocation quantities

3 **Forecast** – Non-daily metered forecast reports

4 **Partner Details** – contact details of network user

5 **Agreement Details** – information on network user agreements

6 **Account Details** – information on the quantities calculated and payable for services provided

7 **Invoice Overview** – an invoice for the accounting period

### 6.1. Imbalance

In the “IMBALANCE” window, you will find calculations of the imbalances that have occurred for each day within the specified period (surplus – sell gas, deficit – buy gas). The table below provides the imbalance information.

Settlement / Imbalance

Valid from \* 2023.09.18 Valid to \* 2023.09.24  Valid records Search Reset

Total Imbalance

Period Start ↑	Period End	Surplus Amount [kWh]	Deficit Amount [kWh]	Created at	Version
2023.09.18 07:00	2023.09.19 07:00			0 2023.09.22 23:30	2
2023.09.19 07:00	2023.09.20 07:00	4 000		2023.09.22 23:31	1
2023.09.20 07:00	2023.09.21 07:00		-8 371	2023.09.22 23:36	1
2023.09.21 07:00	2023.09.22 07:00		-22 231	2023.09.22 23:40	1
<b>SUM</b>		<b>4 000</b>	<b>-30 602</b>		

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Account Identification

All Valid from \* 2023.09.18 Valid to \* 2023.09.26  Valid records Search Reset

Subportfolio Imbalance

Account Identification 1 ↑	Period Start 2 ↑	Period End	Surplus Amount [kWh]	Deficit Amount [kWh]	Total Amount [kWh]	Created at	Version
AG TEST1	2023.09.18 07:00	2023.09.19 07:00			0	0 2023.09.22 23:30	2
AG TEST1	2023.09.19 07:00	2023.09.20 07:00	4 000		4 000	2023.09.22 23:31	1
AG TEST1	2023.09.20 07:00	2023.09.21 07:00		-8 371	-8 371	2023.09.22 23:36	1
AG TEST1	2023.09.21 07:00	2023.09.22 07:00		-22 231	-22 231	2023.09.22 23:40	1
<b>SUM</b>		<b>4 000</b>	<b>-30 602</b>	<b>-26 602</b>			

1 to 4 of 4 | Page 1 of 1





## 6.2. Allocation

In the “ALLCATION” window, you can view the quantities allocated to the user, both Provisional Allocation and Definitive Allocation. These allocated quantities can be viewed based on selected connection points, direction, period.

The Provisional Allocation is provided for each gas day that has already ended (and may still be adjusted during the month), while the Definitive Allocation is provided after the end of the reporting period.

Settlement / Allocation

Connection Point: All | External Account: All | Direction: All | Valid from: 2023.09.18 | Valid to: 2023.09.24

Valid records | Search | Reset

Provisional Allocation

Connection Point 1 ↑	External Account 2 ↑	Direction 3 ↑	Period Start 4 ↑	Period End	Entry Amount [kWh]	Exit Amount [kWh]	Total Amount [kWh]	Created at	Version
Alytaus SS	AG TEST1	Exit	2023.09.24 07:00	2023.09.25 07:00		0	0	2023.09.25 11:32	1
Kiemenu DAS	AG TEST1	Exit	2023.09.21 07:00	2023.09.22 07:00		-30 000	30 000	2023.09.22 11:33	1
Kadainių DSS	AG TEST1	Exit	2023.09.19 07:00	2023.09.20 07:00		-20 000	20 000	2023.09.20 12:40	2
Kadainių DSS	AG TEST1	Exit	2023.09.20 07:00	2023.09.21 07:00		-16 971	16 971	2023.09.21 11:31	1
Kadainių DSS	AG TEST1	Exit	2023.09.21 07:00	2023.09.22 07:00		-16 231	16 231	2023.09.22 11:33	1
Santaka DAS	AG TEST1	Entry	2023.09.19 07:00	2023.09.20 07:00	24 000		24 000	2023.09.20 12:40	2
Santaka DAS	AG TEST1	Entry	2023.09.20 07:00	2023.09.21 07:00	18 000		18 000	2023.09.21 11:31	1
SUM					85 000	-82 602	167 602		

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Definitive Allocation

Connection Point: All | External Account: All | Direction: All | Valid from: 2023.08.01 | Valid to: 2023.08.31

Valid records | Search | Reset

Connection Point 1 ↑	External Account 2 ↑	Direction 3 ↑	Period Start 4 ↑	Period End	Entry Amount [kWh]	Exit Amount [kWh]	Total Amount [kWh]	Created at	Version
SUM					0	0	0		

0 to 0 of 0 | Page 0 of 0

## 6.3. Forecast

The “FORECAST” window displays the distribution system operator's forecast of the gas consumption forecasted by system users at non-daily metering points. You can view the forecast by direction and period.

Amber Grid Portal | Administration | Capacity | Nomination | Settlement | Sistemos naudotojas | 2023.09.12 15:17

Settlement / Forecast

Direction: All | Valid from: 2023.09.01 | Valid to: 2023.09.30

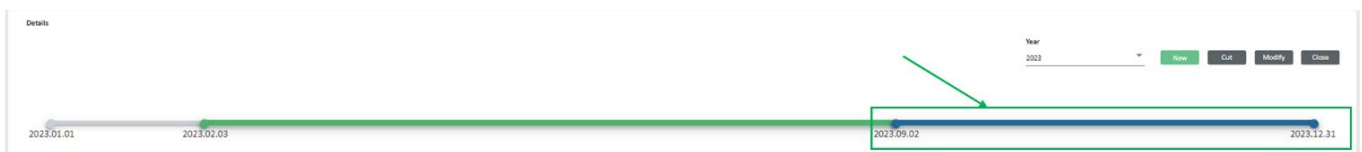
Valid records | Search | Reset

Forecast of non-daily metered sites

Direction 3 ↑	Period Start 1 ↑	Period End	Entry Amount [kWh]	Exit Amount [kWh]	Total Amount [kWh]	Created at	Version 2 ↑
---------------	------------------	------------	--------------------	-------------------	--------------------	------------	-------------

## 6.4. Partner details

In the “PARTICIPANT DETAILS” window, you can see the contact information of the system user (participant), their residential address, and other important information required for the provision of transmission services. To update this information, please contact Amber Grid via email at [pardavimai@ambergrid.lt](mailto:pardavimai@ambergrid.lt).



**Note:** You will see the current data by selecting the blue-colored timeline, gray indicates that the contract has not been concluded yet, and green means that your data has been changed.



## 6.5. Agreement details

Selecting the “CONTRACT INFORMATION” window and setting the “Contract Type” to “Transmission Service Contract”, you will see the information about the natural gas transmission service contract

Settlement / Agreement Details

Agreement type  
Transmission Services Agreement

Details

Year  
2023

2023-01-01 2023-09-14 2023-12-31

Created at 2023-09-20 Updated at 2023-09-20 Details valid from 2023-09-14 Details valid to 2099-12-31 Identification P10/1111-11

Account number VAT applicable Yes

Language of invoice Lithuanian Invoices issued on behalf of the shipper Yes

Directly connected to TSO Central heating system applicable No

Using the “MODIFY” button, you can change the language of the VAT invoice. For changes or updates to other information, please contact Amber Grid via email at [pardavimai@ambergrid.it](mailto:pardavimai@ambergrid.it).

Modify Agreement Details

Details Valid from 2022-03-03 Details Valid to 2099-12-31

Identification P10/2022-00

Account Number VAT Applicable Yes

Language of Invoice \* Lithuanian Invoices are Issued on Behalf of Shipper No

Directly Connected to TSO Central Heating System Applicable No

Comment

Save Cancel

## 6.6. Account details

You can temporarily view only balance data in the “INVOICE INFORMATION” window. To view the balance data of a specific period, use the filter to select “account type” as balancing, set the “period from” and “period to”, and then click “SEARCH”.

Settlement / Account Details

Account Type Balancing Period From 2023-09-01 Period To 2023-09-30 Search

Date	Imbalance Type	Imbalance Quantity (MWh)	Balancing Direction	Marginal Buying Price (EUR/MWh)	Marginal Selling Price (EUR/MWh)	Weighted Average Price (EUR/MWh)	Imbalance Charge (EUR)	Transaction Type
2023-09-02	Initial	14 000,000	Exit	42,03	34,39	38,21	550 240,00	Credit
2023-09-29	Initial	37 693,704	Entry	48,42	39,62	44,02	1 825 129,15	Credit
2023-09-30	Initial	37 950,617	Entry	46,25	37,86	42,07	1 756 354,55	Credit

**Note:** Access detailed information about invoices by clicking on this link: [Invoices for transmission service](#) (login details provided in the ETSS Contract).

## 6.7. Invoice overview

**Note:** The “INVOICE OVERVIEW” window is temporarily inactive, and you will not see current information in it. You can view information about invoices by clicking on this link: [Invoices for transmission service](#) (login details provided in the ETSS Contract).

## 6.8. Sign out

Click “SIGN OUT” to end your work:

