ENTSOG

Professional Data Warehouse System

Documentation

Transparency Platform User manual

Change History		
Version	Author	Reason for the new version and list of modifications
0.0.00	Maria Gerova	Document initialisation
1.0.00	Maria Gerova	Adding description of the information exportable through TP Export Wizard. Adding tip for Search bar issue on computers with MS Windows 8.1.
2.0.00	Maria Gerova	Adding description on the functionality showing TP Export tool operational status
3.0.00	Maria Gerova	Refinement of some snapshots. Adding information about the TP Export Wizard. Adding information about the “Periodized” and “Compact” manner for Capacity and Interruptions data visualization and export.
4.0.00	Kathrine N. Stannov	Updated information on new tariff section following TAR NC requirements.
4.1.00	Kathrine N. Stannov	Tariff data section updated, new API links added.

1. INTRODUCTION

1.1. GENERAL INFORMATION ABOUT ENTSOG TRANSPARENCY PLATFORM

Regulation (EC) № 715/2009 and its amendments require ENTSOG to provide a Union-wide platform where all Transmission System Operators for gas shall make their relevant data publicly available. The first common platform has been set up by the TSOs on a voluntary basis in 2008 and then improved in 2013 in order to comply with changed Transparency regulation requirements (Chapter 3 of Annex №1 to Regulation (EC) № 715/2009 and its amendments).

On 1 October 2014, ENTSOG launched a new Transparency Platform.

By providing free of charge vast information related to gas transmission in an organised and structured way, the platform is a further contribution by TSOs for gas to enhance transparency in the European energy market.

The Transparency Platform provides technical and commercial data on gas transmission systems, which include interconnection points and connections with storages, LNG facilities, distribution networks, final consumers and production facilities.

The platform is available on web address: https://transparency.entsog.eu where the interested parties are able to access valuable information uploaded by all TSOs.

1.2. AIM OF THIS DOCUMENT

The purpose of this document is to give an overview of ENTSOG Transparency Platform (hereinafter referred to as "**TP**" or as the "**Platform**") as well as some practical tips and information on how to use its functionalities.

1.3. SYSTEM REQUIREMENTS FOR USING ENTSOG TRANSPARENCY PLATFORM

ENTSOG recommends that you visit its Transparency Platform using a modern web or mobile browser (Internet Explorer 10 or later, latest versions of Chrome or Mozilla Firefox).

2. GENERAL STRUCTURE OF ENTSOG TRANSPARENCY PLATFORM

The main structure elements of ENTSOG Transparency Platform are:

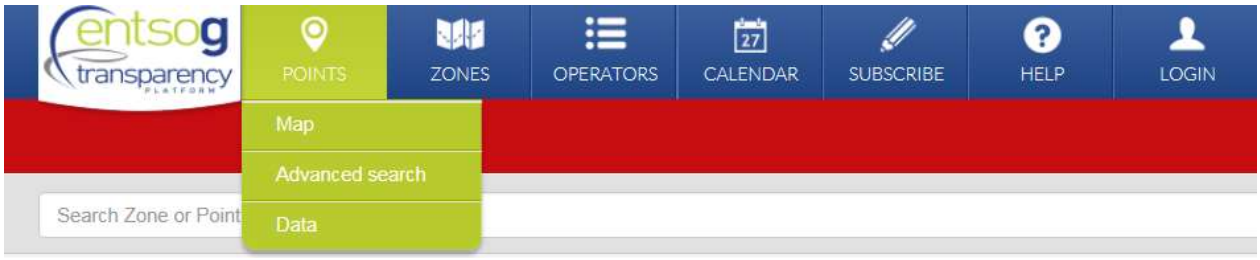
- **MENU BAR**
- **SEARCH BAR**
- **ROLLING BANNER**
- **MAP**
- **DATA PART**

In the next chapters of this manual you will find a detailed description of each structure element and its parts.

3. MENU BAR

The menu bar provides direct access to the main TP menus.

3.1. MENU POINTS



Through the Points menu you can access:

- TP map - showing all relevant points;
- Tool for advanced point search;
- Data part of the Platform dedicated for Point information – providing graphical and numerical data about all indicators for the selected point(s).

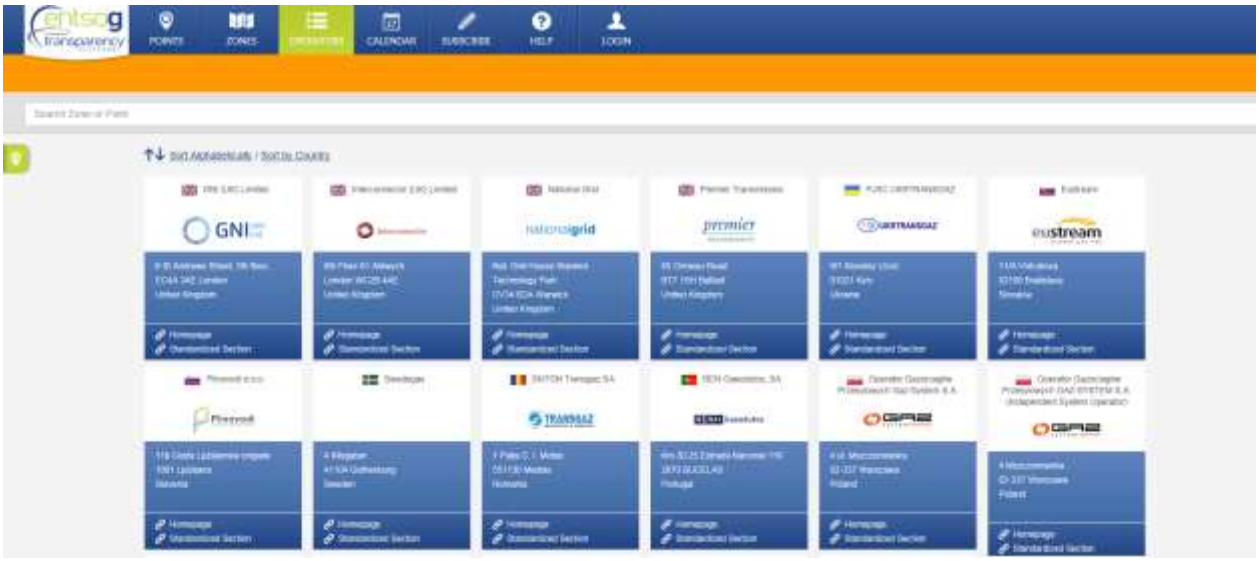
3.2. MENU ZONES

Through Zones menu you can access:

- TP map - showing all Balancing Zones;
- Tool for advanced zone search;
- Data part of the Platform dedicated for Zone information - providing graphical and numerical data for the selected zone(s).

3.3. MENU OPERATORS

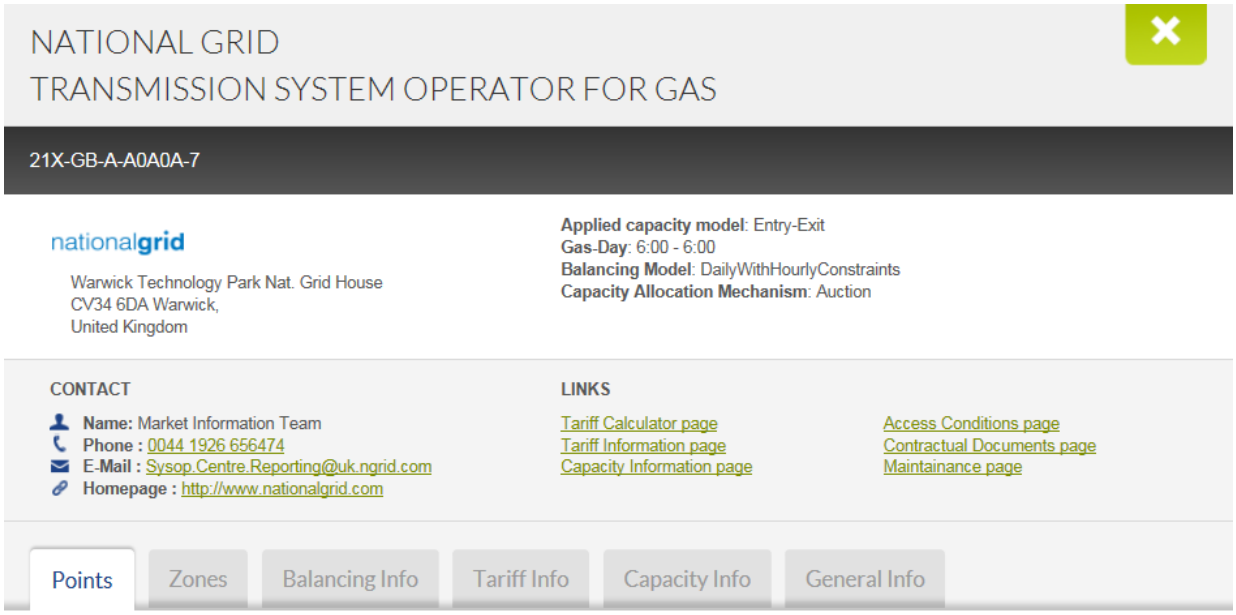
The Operators menu leads the TP user directly to a sub-page listing all TSOs that are participating and publishing data on the TP.



A separate tab is dedicated for each TSO:

By clicking on an individual TSO tab, a pop-up opens with information and access to:

- TSO's web site transparency section;
- Links to specific sections on TSO's web site with information on applied tariff, tariff calculator, maintenance information, capacity data, access conditions and etc.;
- General information and contact details for the TSO;
- List of TSO's Points;
- List of TSO's Balancing Zones;
- Balancing information for the TSO;
- Capacity information for the TSO;
- Tariff information for the TSO.

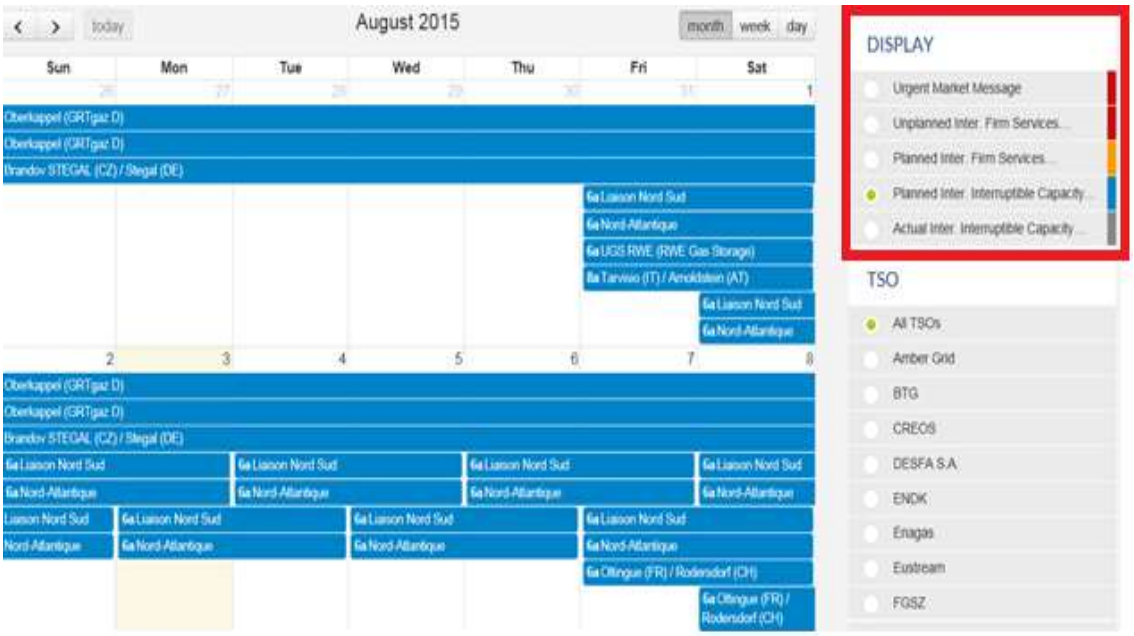


3.4. MENU CALENDAR

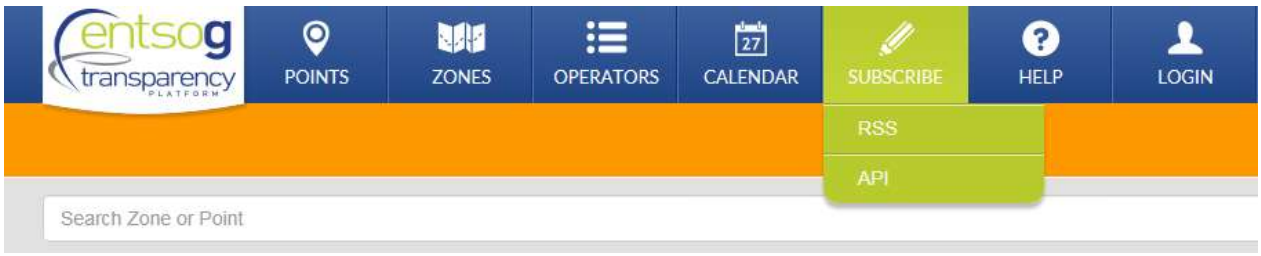
The Calendar menu leads the TP user to a sub-page providing information about the planned and non-planned interruptions and Urgent Market Messages, published by all or selected TSO(s) for a certain configurable by the user period (month, week or day).

The colour of the information on the Calendar depends on the type of information presented. The colour code for the different type of announced interruptions is:

Colour code	Type of information
Red	Urgent Market Messages
Red	Unplanned interruption of Firm Services
Orange	Planned Interruptions of Firm Services
Blue	Planned Interruptions of Interruptible Capacity
Grey	Actual Interruptions of Interruptible Capacity

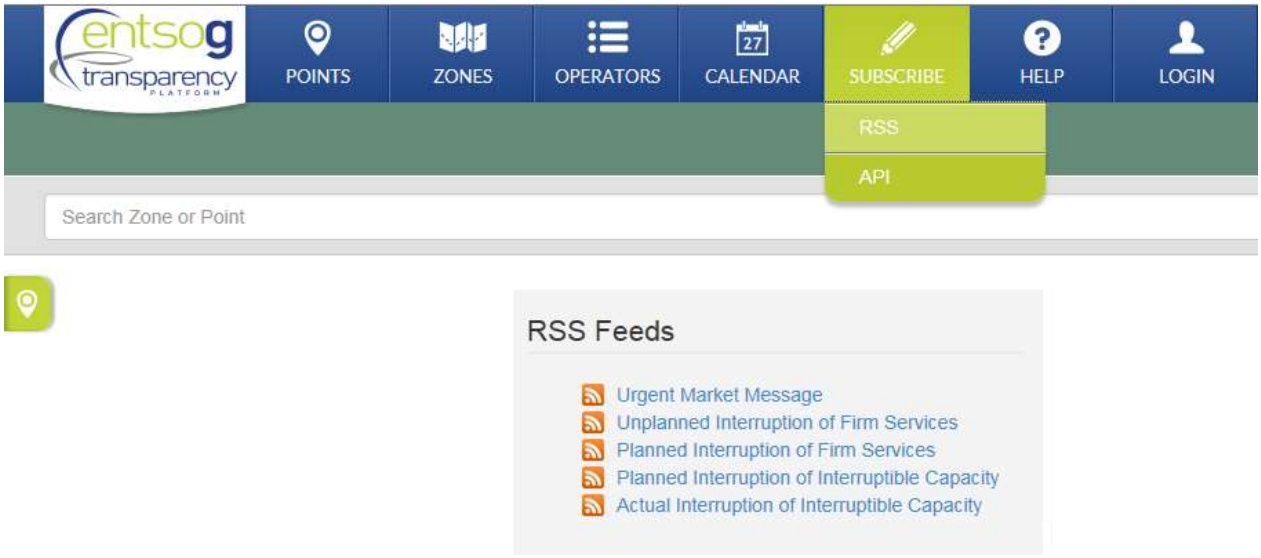


3.5. MENU SUBSCRIBE



The Subscribe section allows the TP users to sign up for RSS feeds to receive announcements about new publications in the following rubrics:

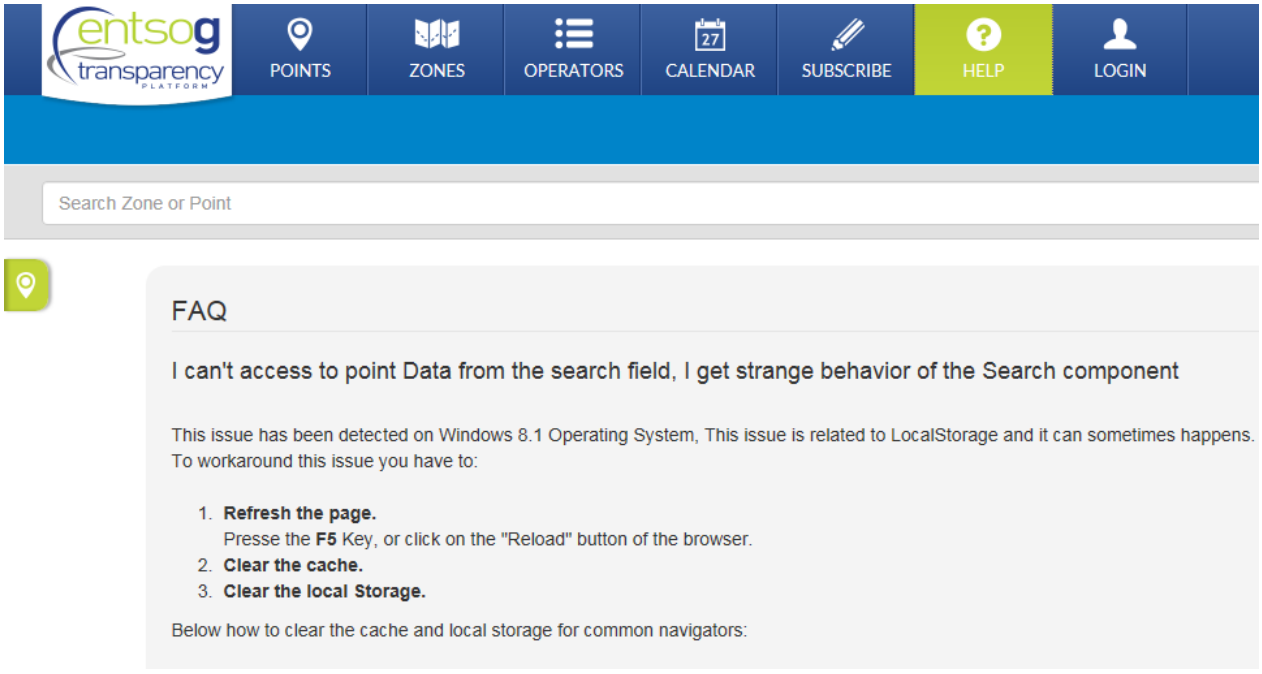
- Urgent Market Messages;
- Planned Interruptions of Firm Services;
- Unplanned Interruptions of Firm Services;
- Planned Interruptions of Interruptible Capacity;
- Actual Interruptions of Interruptible Capacity.



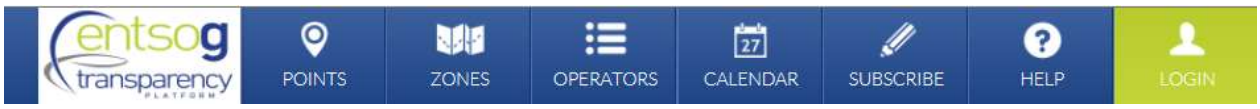
ENTSOG provides to the TP users an Automated Download Tool.
A user guide with details on how to configure ENTSOG TP REST APIs and to set up direct download of information published on the Platform, bypassing any web layer, is accessible through the **SUBSCRIBE** -> **API MENU**.

3.6. MENU HELP

The Help menu opens a sub-page with Frequently Asked Questions, tips and user manual for the ENTSOG Transparency Platform.



3.7. MENU LOGIN



The Login menu provides access for the Registered TP users to some additional functionalities of the Platform:

- To create groups of Favourite objects – valid for all Registered TP users;
- To publish REMIT messages (UMMs) – valid only for TSO Registered TP users upgraded to REMIT users.

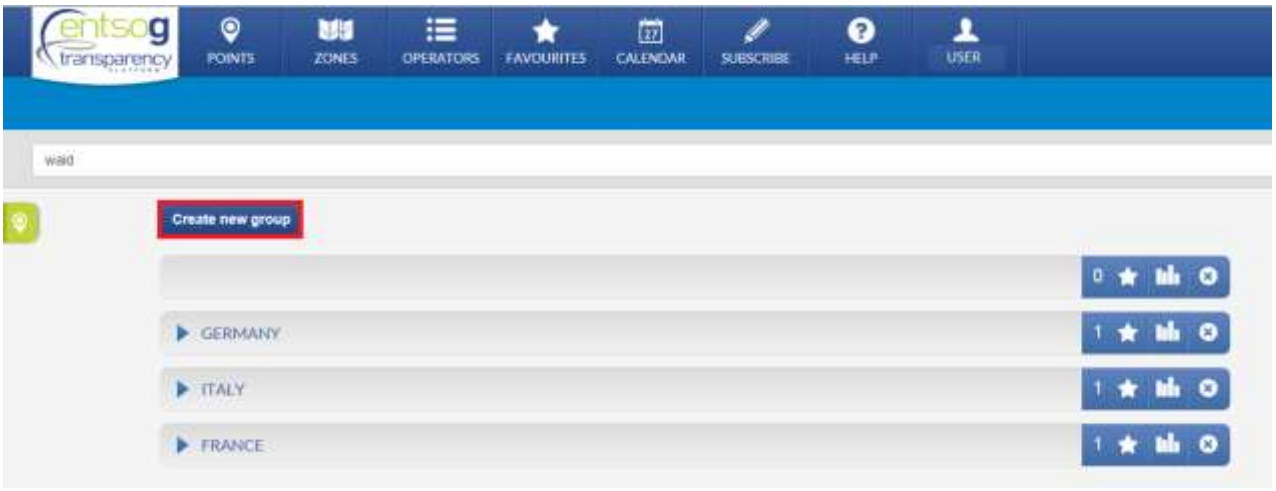
After login, the Registered TP user can verify the user details and change its login password:

3.8. FAVOURITES MENU

The Favourites menu is available only for Registered and logged-in TP users.

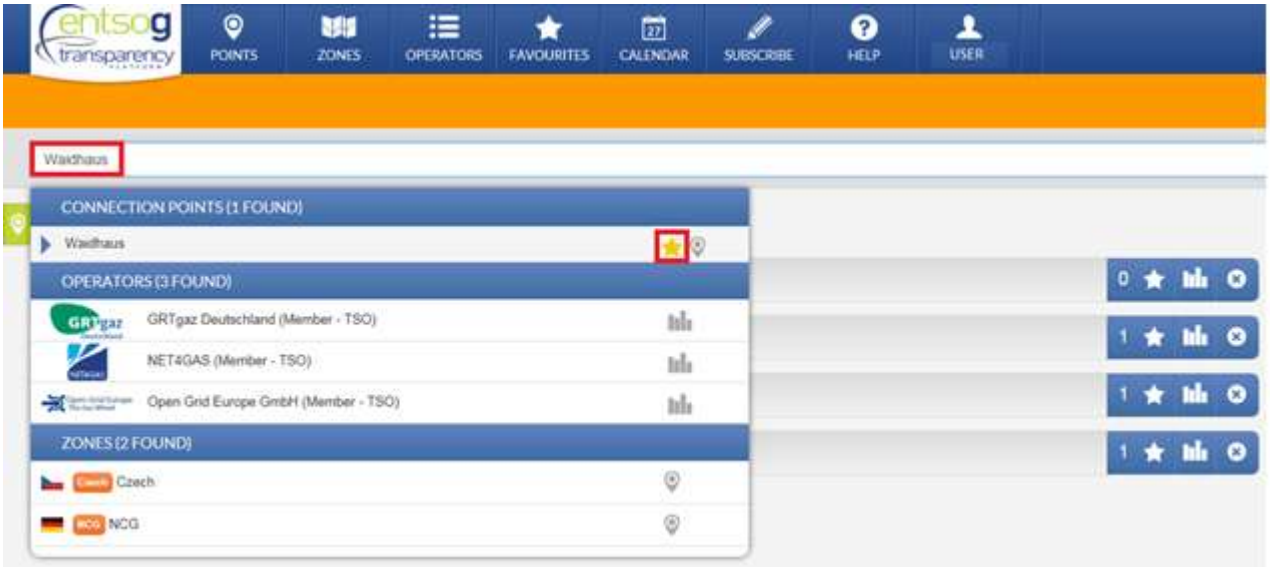
When logged-in, the TP user has access to all TP features and functionalities available to other users. In addition, the logged-in user can create one or many groups of “favourite” objects. The user-defined groups provide fast access (shortcuts) to the data related to “favourite” objects.

A new group of favourite objects can be created through the button “Create new group”:



To add a point/object as “favourite” in one of the user-defined groups, type the name of the point/object in the Search bar. During the typing process a drop-down menu with a list of the objects which match the typed name appears below the Search bar.

Select the preferred point/object by clicking the Star symbol next to the name of the object:

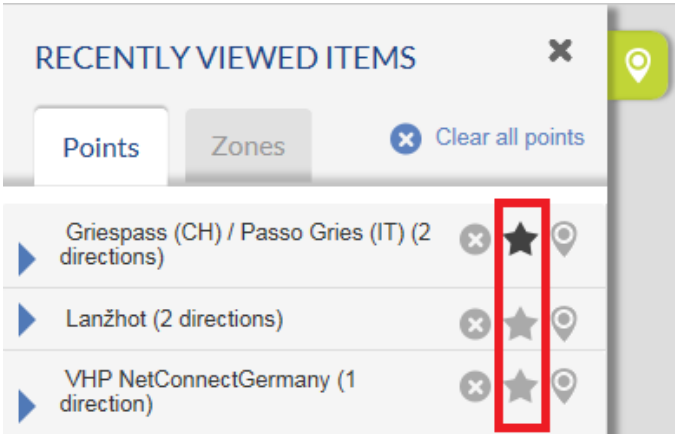


Test example of user defined group of favourite points:

The data for a group or favourite objects can be accessed through the Bar chart symbol:

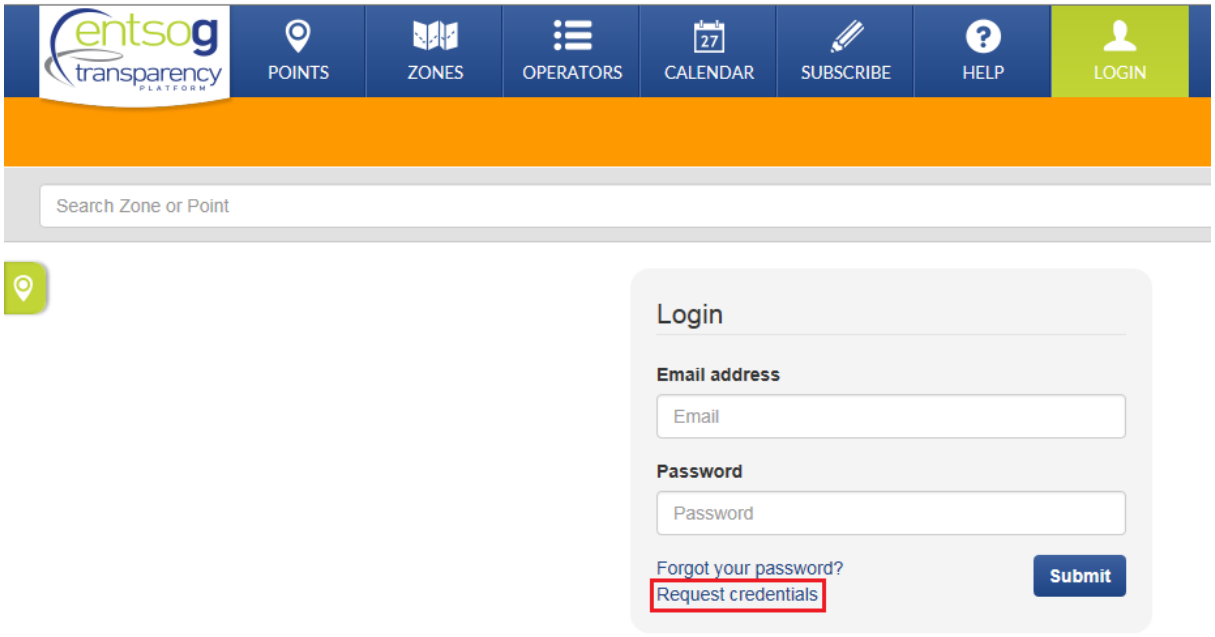
A user defined group of favourite objects can be deleted using the X-crossing symbol:

Another possibility for a logged-in Registered TP user to make a point or zone a favourite object is to select it from the Recently Viewed Items (Left Map Sidebar) by clicking on the Start symbol next to the name of the object of interest:



Once you have defined your favourites, you can export related data easily using the Point Export Wizard (Please refer to the Export Wizard section 7.4.6. for more details).

How to become Registered TP user?



In order to become Registered TP user:

1. Select the menu Login;
2. Press on the link Request credentials;
3. Fill in the required information;
4. Accept the Terms and conditions of use;
5. Press the button Register;
6. The login credentials will be sent to the email address pointed during the registration process.

Request Credentials

Title
Title

Last Name *
Last Name

First Name *
First Name

Email *
Email

Password *
Password

Confirm password *
Confirm password

Company
Company

Street, No
Street, No

Zip Code, City
Zip Code, City

Country
Country

Phone
Phone

Fax
Fax

☐ **I have read and fully agree with the General Terms and Conditions. ***

Register

* required field

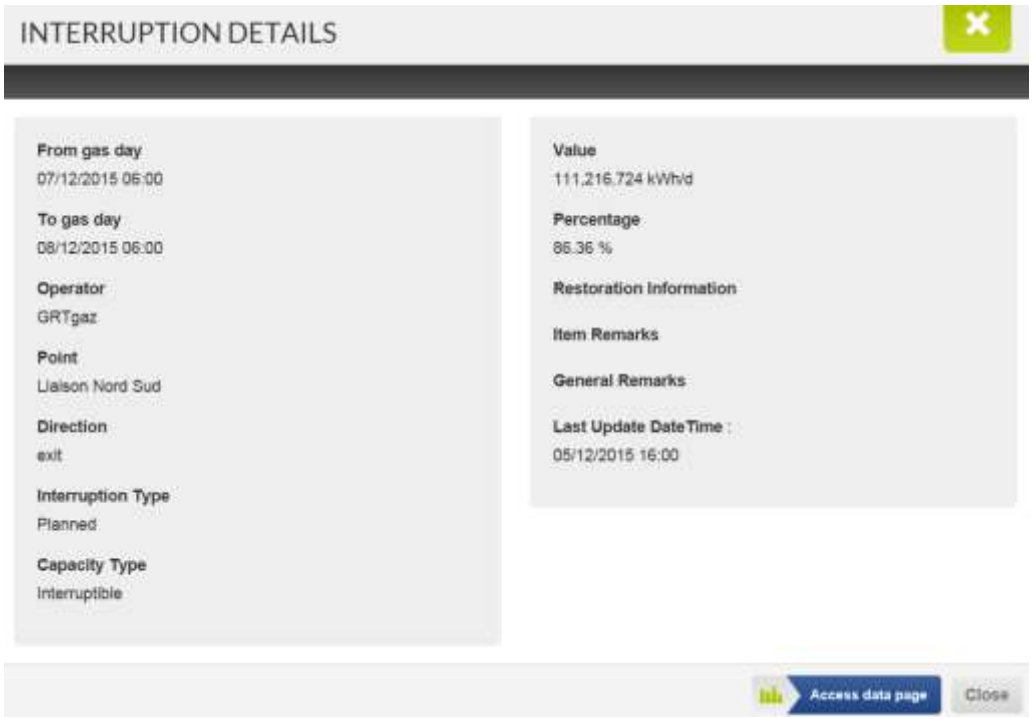
4. ROLLING BANNER

The Rolling banner shows dynamically information about the valid for the current period interruptions:

- Urgent Market Messages;
- Planned Interruptions of Firm Services;
- Unplanned Interruptions of Firm Services;
- Planned Interruptions of Interruptible Capacity;
- Actual Interruptions of Interruptible Capacity.

Only the most recent messages, impacting the TSOs networks currently and/or in the future, are displayed.

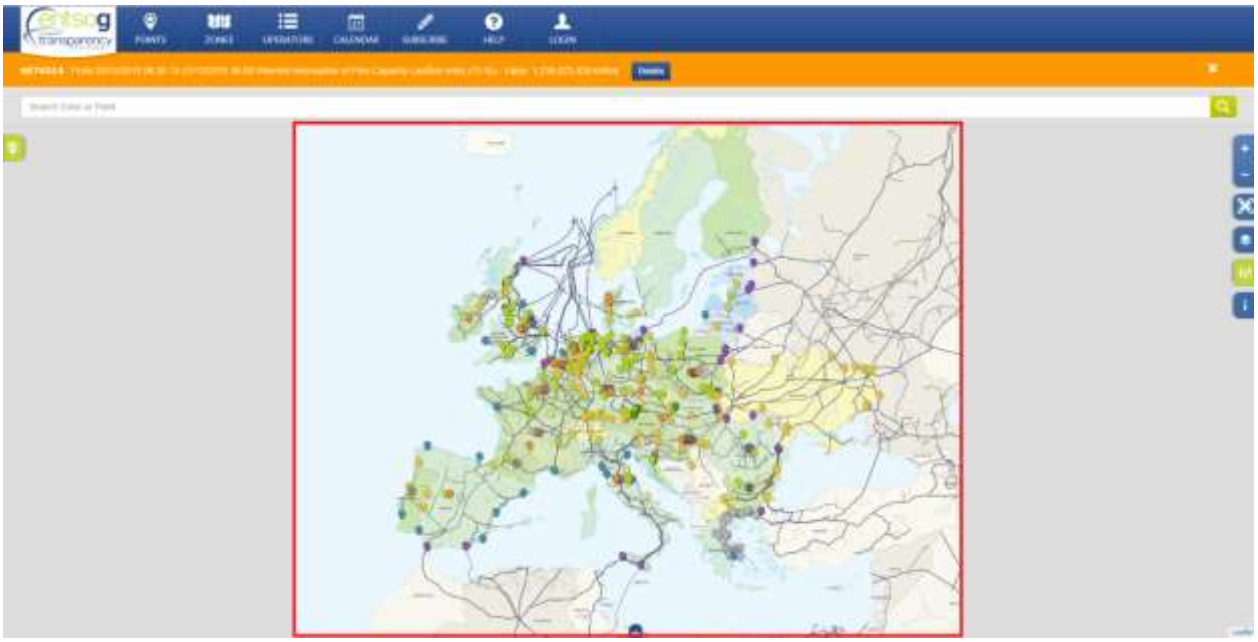
Click on the Rolling banner to display the details of the message currently shown.



The colour of the Rolling banner changes depending on the type of information presented. The messages valid for the current period visualised in the Calendar section are displayed consecutively on the Rolling banner. The colour code of the Rolling banner repeats the colour code of each particular message from the Calendar area:

Colour code	Type of information
Red	Urgent Market Messages
Red	Unplanned interruption of Firm Services
Orange	Planned Interruptions of Firm Services
Blue	Planned Interruptions of Interruptible Capacity
Grey	Actual Interruptions of Interruptible Capacity

5. MAP

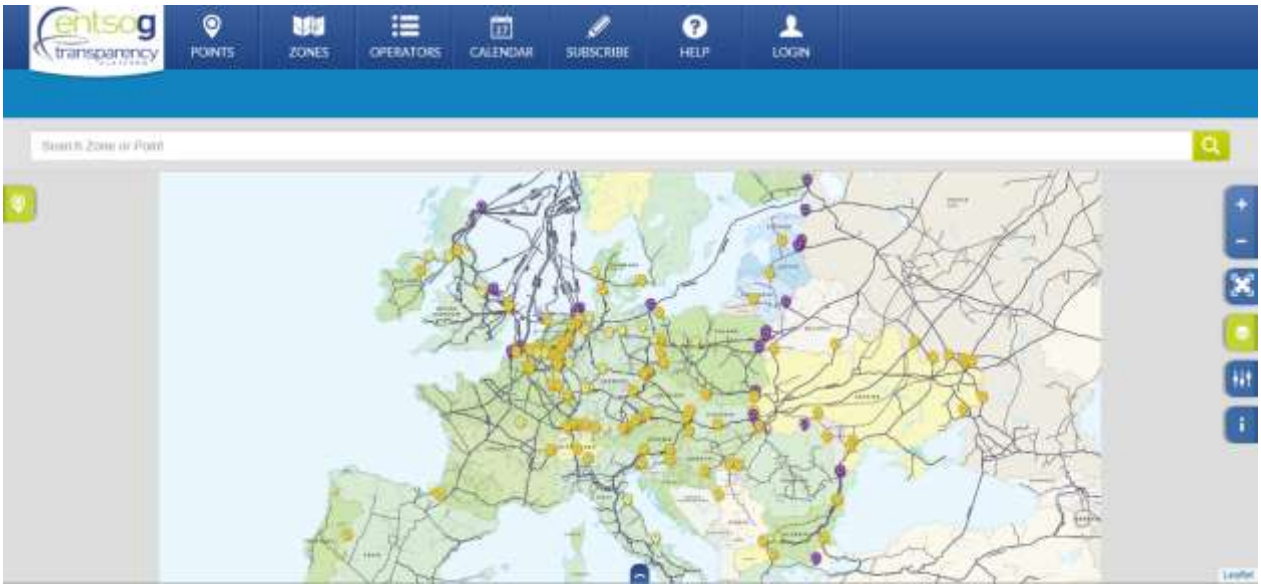


The Transparency Platform Map is accessible from several TP sections:

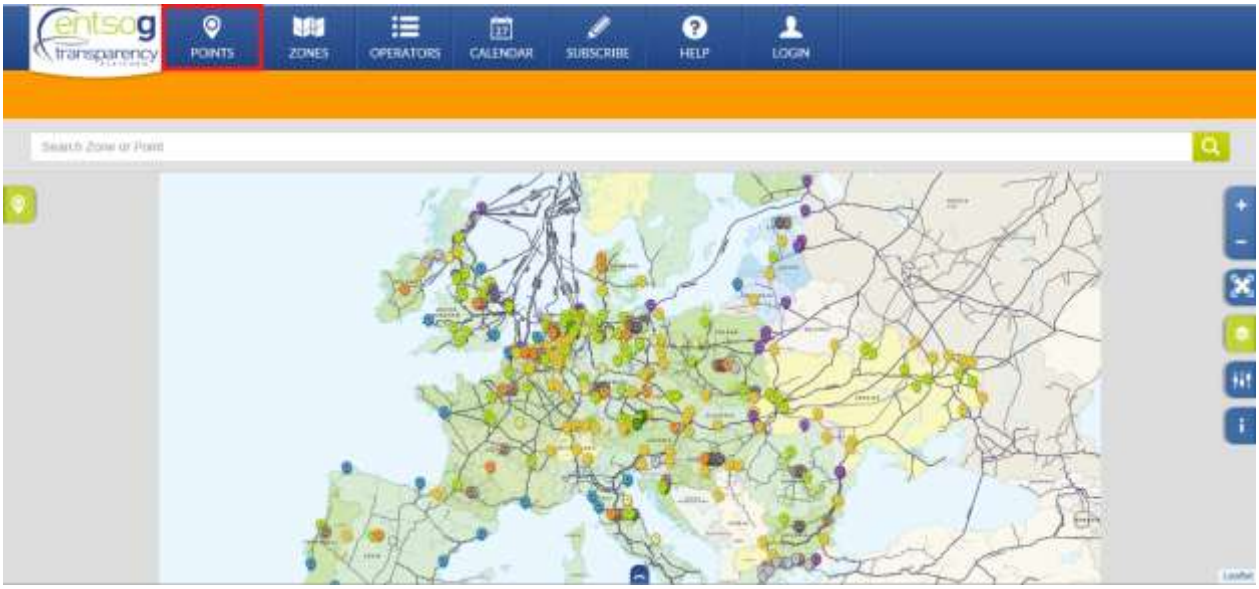
- From the TP home page;
- From the menu Points;
- From the menu Zones.

The map displays all the points configured for visualisation by ENTSOG. Please note that it does not necessarily display all the points accessible through the Search bar.

By default, the map on the TP home-page shows only Transmission points and operational pipelines in Europe.



To show all relevant points on the map for which the TSOs are publishing data on the TP, click once on the POINT menu button.

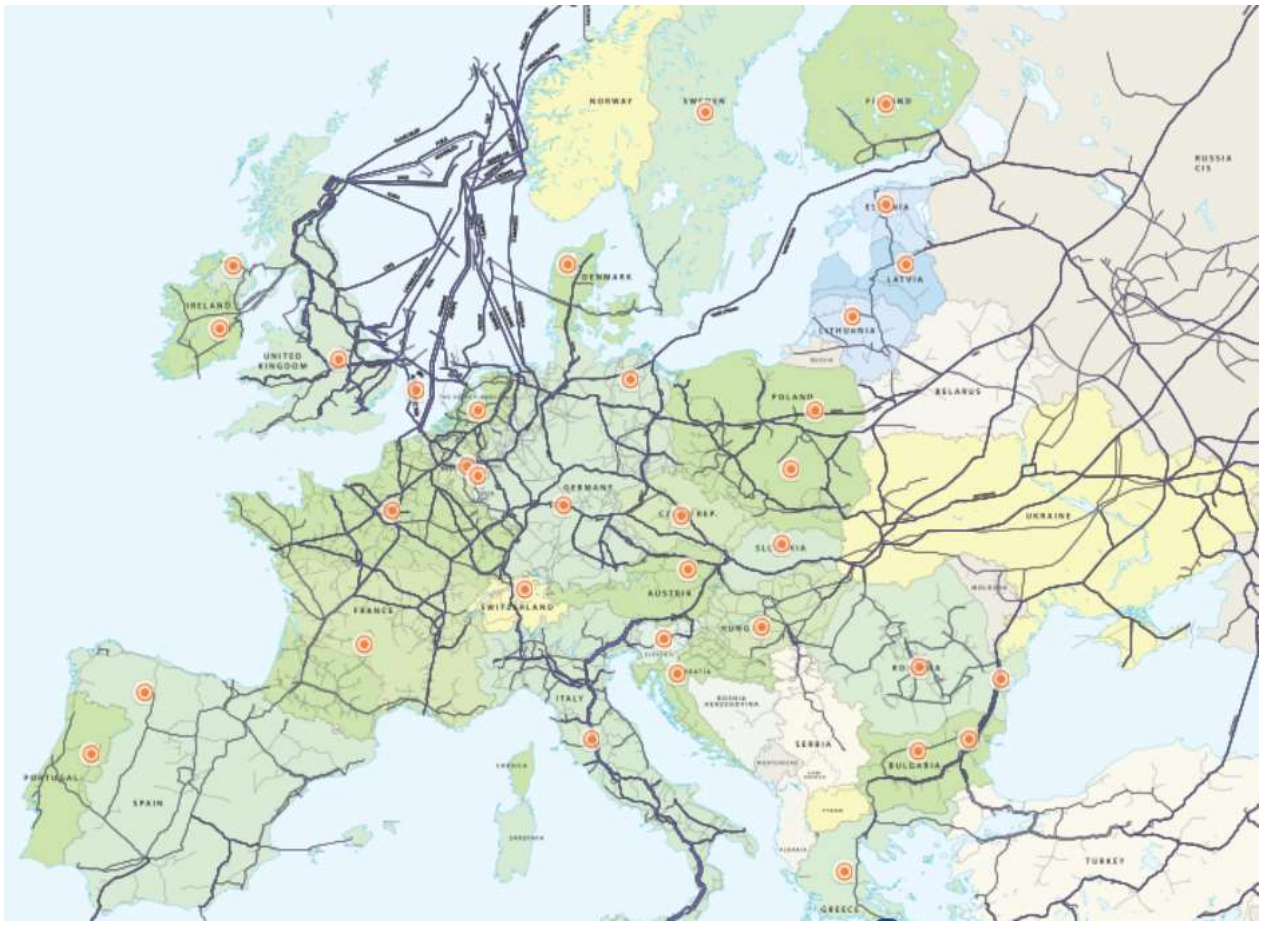


Tips

To show on the map the Balancing Zones configured on ENTSOG TP, simply click once on the ZONE menu button.

Alternatively, go to ZONES menu and select MAP.

Each of the Balancing Zones is indicated by an orange point



If you press and hold the primary mouse button on the screen, you can drag and move the map on the display to focus on a particular area.

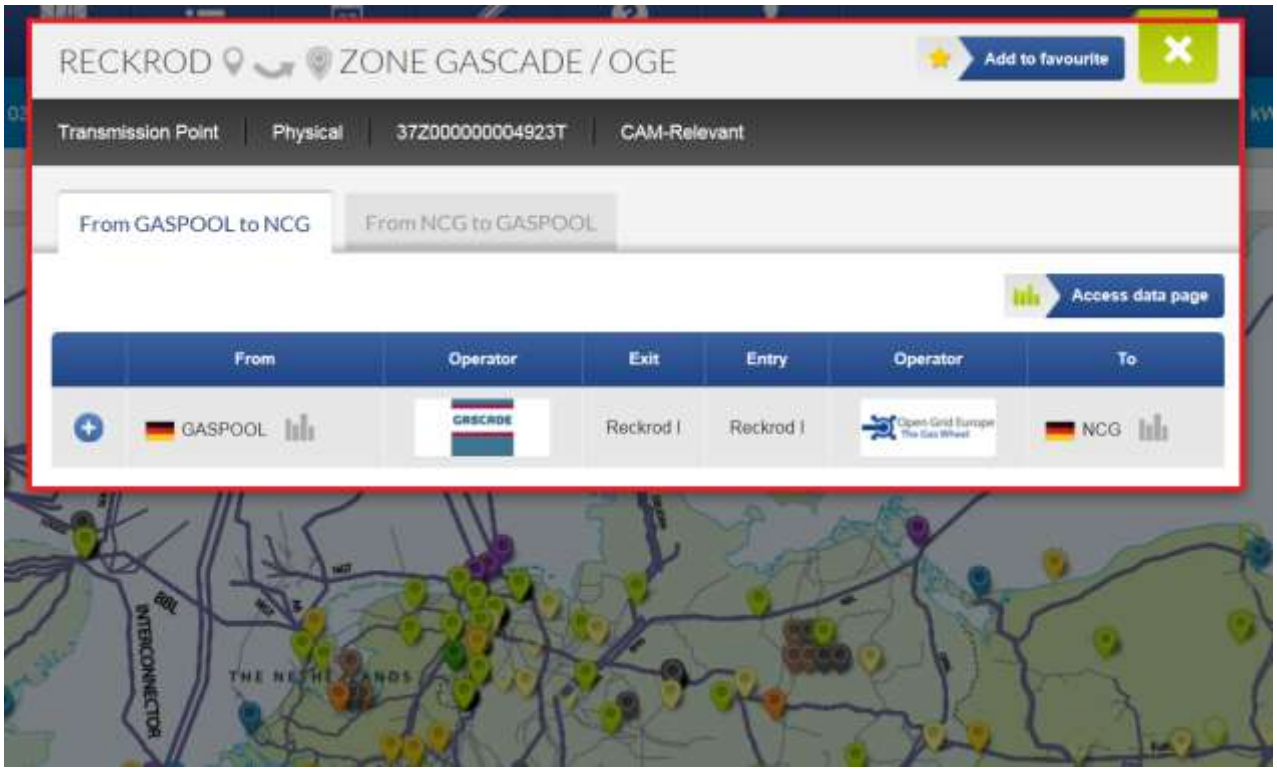
5.1. MAP OBJECTS

The Map can display the following objects:

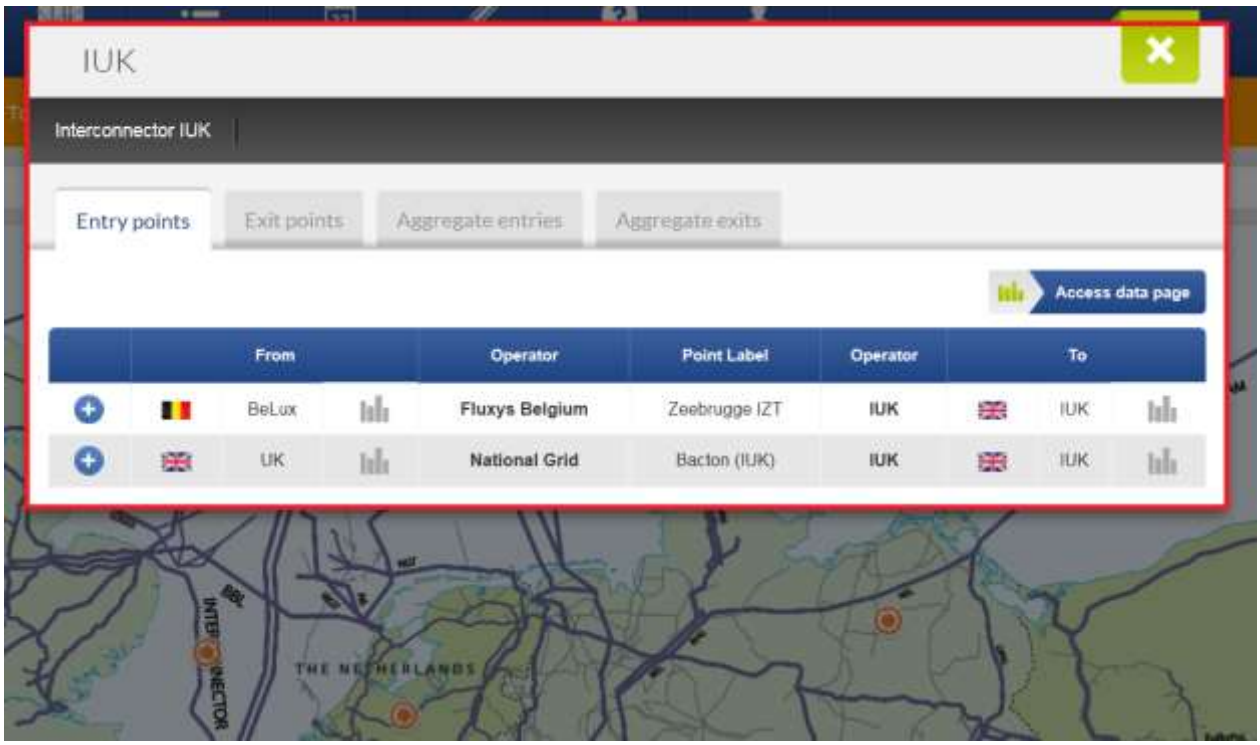
- Points;
- Balancing Zones;
- Pipelines;
- Locations;
- Gas fields;
- Drilling platforms.

The visualisation of these objects is configurable through map filtering and display setting options from the right side bar of the map (Please refer to the explanation in point 5.2. Right Sidebar Menu).
By clicking on particular map point or zone symbol a pop-up window appear.

Point pop-up:



Zone pop-up:

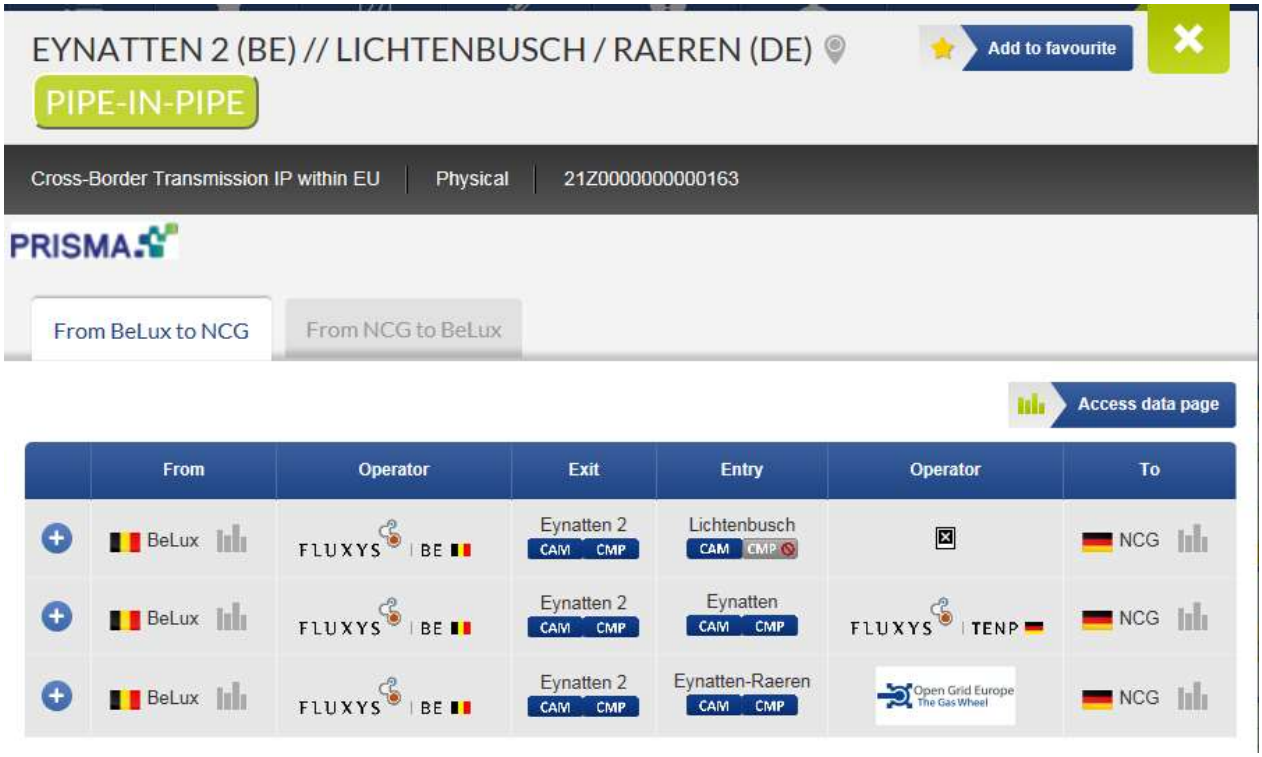


5.1.1. POINT POPUPS

When clicking on a point a pop-up window appears. It contains information about the:

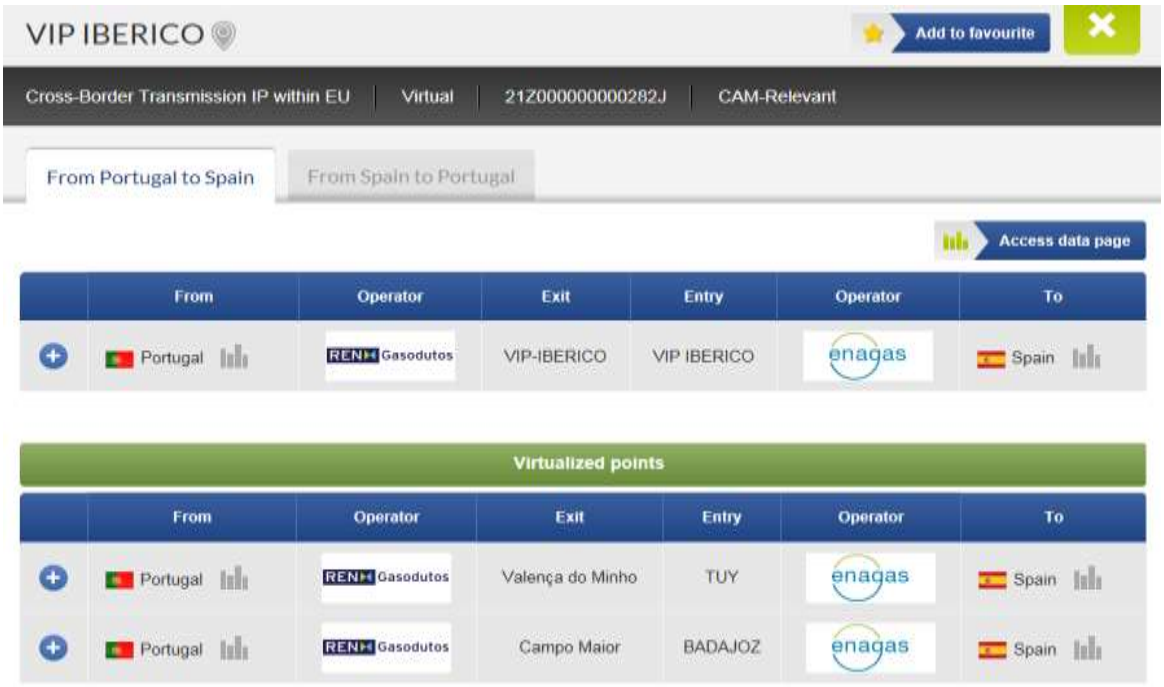
- Point name;
- Point type:
  - Physical;
  - Virtual;
- Type of points based on their function:
  - Cross-border Transmission IP within EU;
  - Cross-border Transmission IP between EU and Non-EU;
  - Storage IP;
  - Cross-Border Storage IP within;
  - LNG Entry IP;
  - Trading point;
  - Transmission point;
  - Final Customers point;
  - Production IP;
  - Distribution IP;
- Point EIC;
- Booking platform information;

- Connected operators;
- Connected Balancing Zones;
- Point information per direction incl. CAM/CMP relevance



If the point is operated as Pipe-in-Pipe with more operators, this will also be mentioned in the Point Information pop-up.

The pop-up window of the virtual interconnection points (VIP) provides more details. The VIP pop-up contains information for the virtual point and for the virtualised physical points.

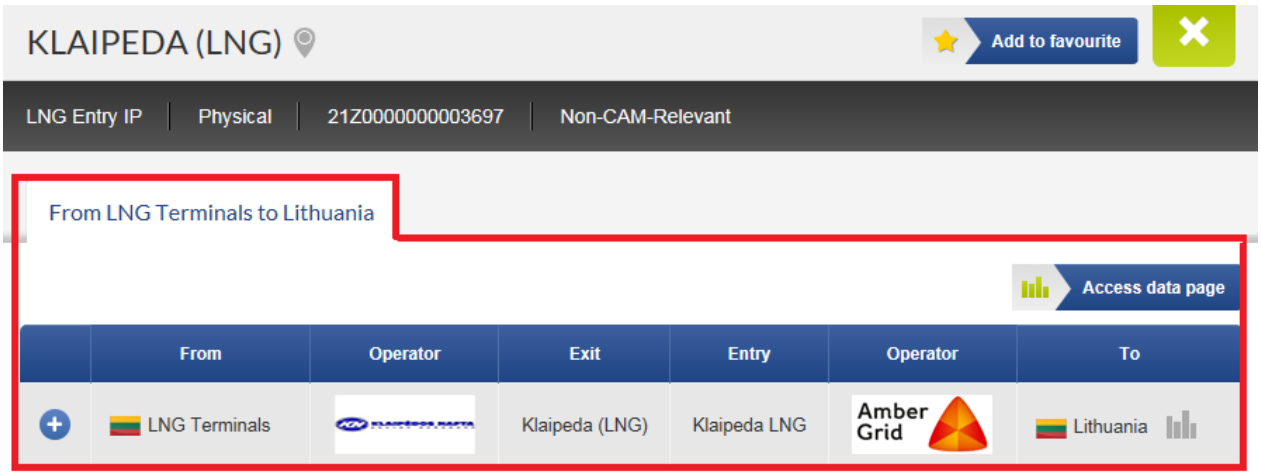


Each point direction is presented by a tab in the point pop-up window.

The pop-up of a unidirectional point (entry only or exit only) has only one tab, respectively the pop-up of a bidirectional point has two tabs.

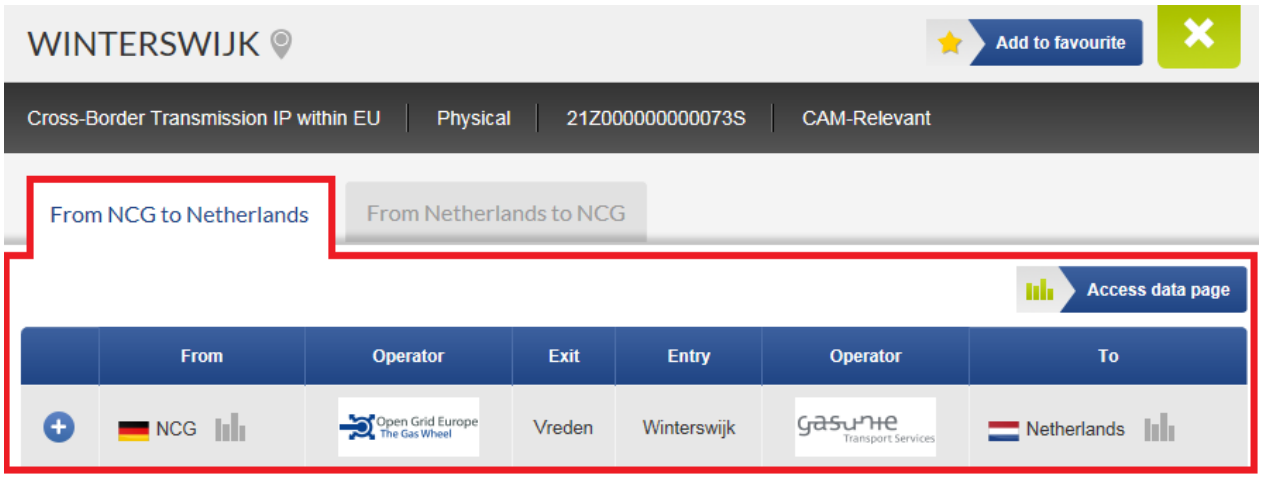
EXAMPLE

Point pop-up of a unidirectional point:

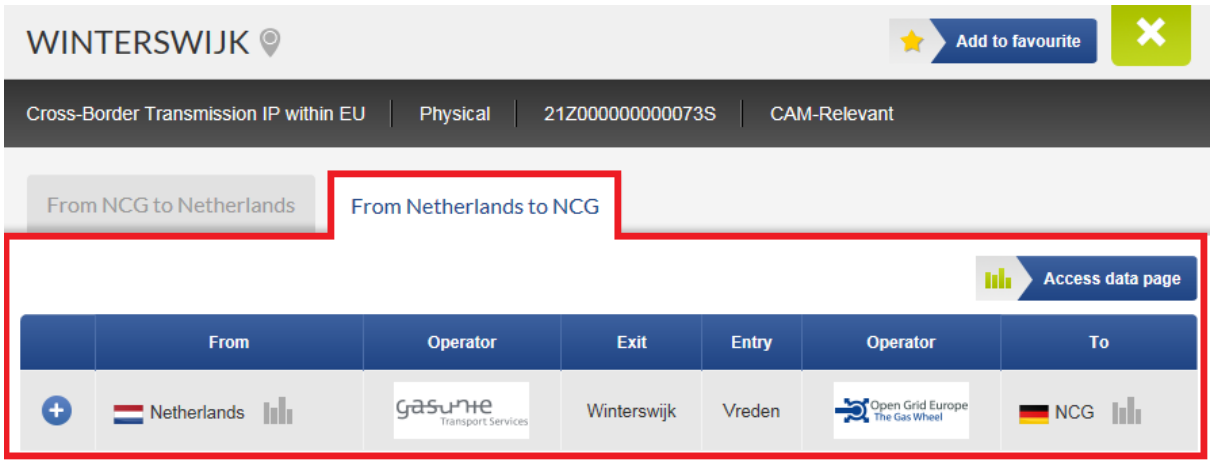


EXAMPLE

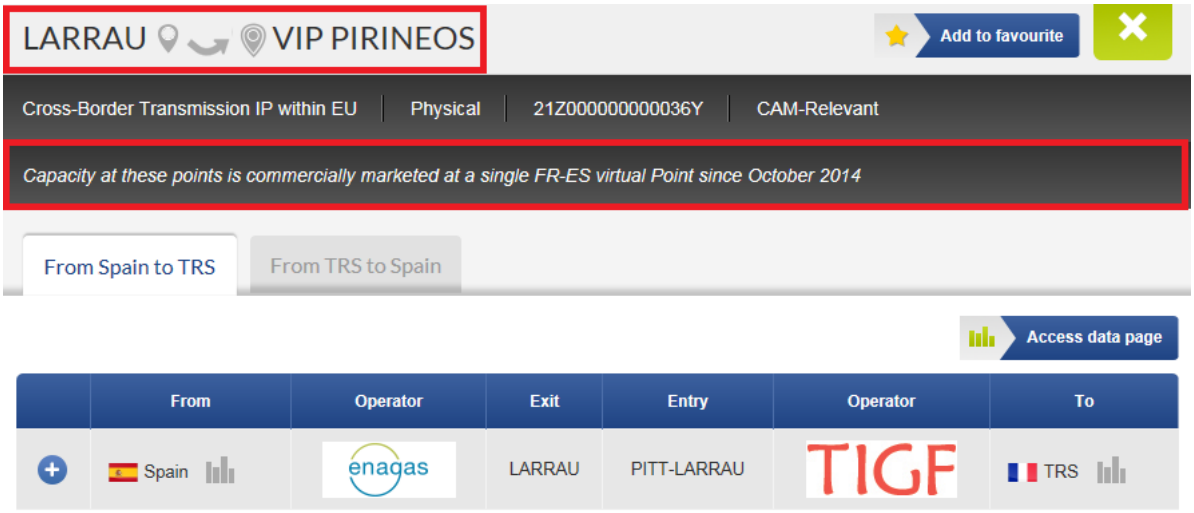
The bidirectional points have two tabs – one for each point direction:



You can switch between the tabs simply by changing your selection.



When a physical point has been virtualised, the point pop-up shows the name of the virtual point in which the physical point was included following virtualisation, as well as additional information about the start date of the virtualisation and details on capacity marketing:



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523 You can access the data published by the respective operators for the point either by selecting the Bar

524 chart symbol next to the balancing zone name or by clicking on the Access data page button

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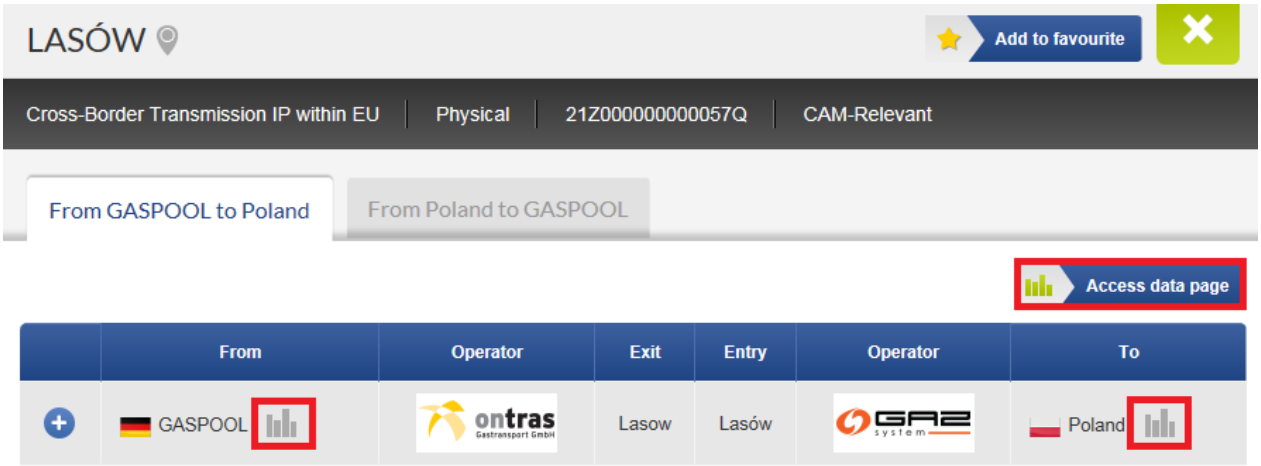

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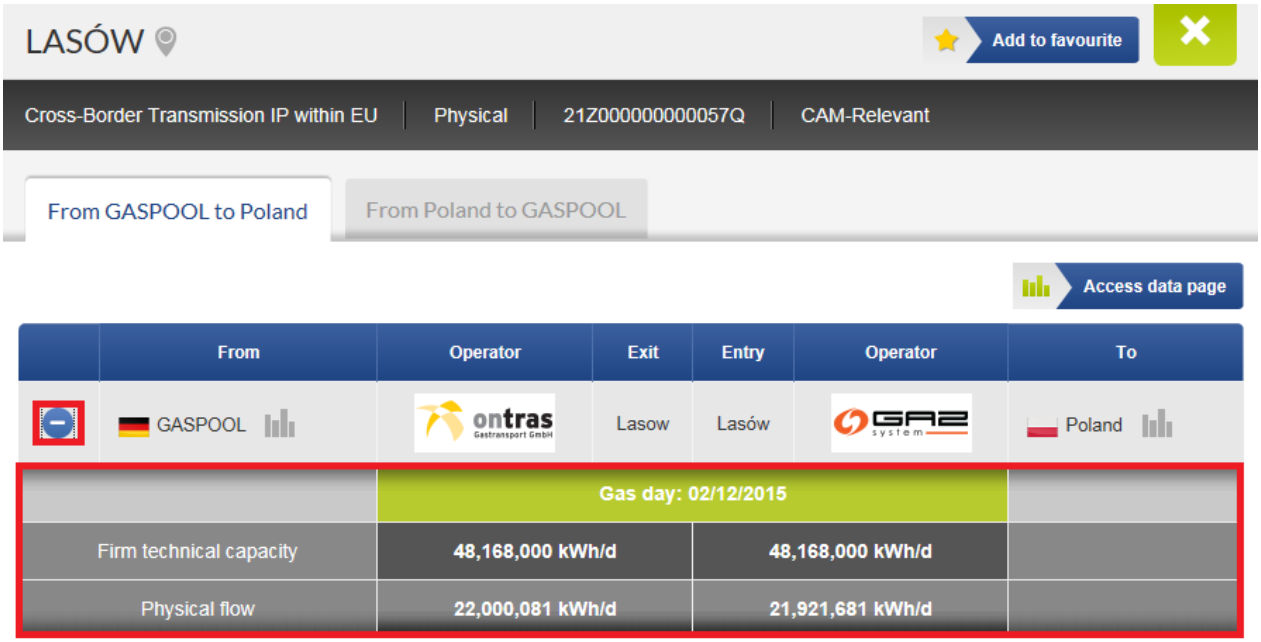
530 The Plus sign provides fast access to information about the physical flow and the technical capacity of

531 the point for the selected direction during the current gas day.

When clicking on the Plus sign a drop-down menu appears and the sign turns to Minus



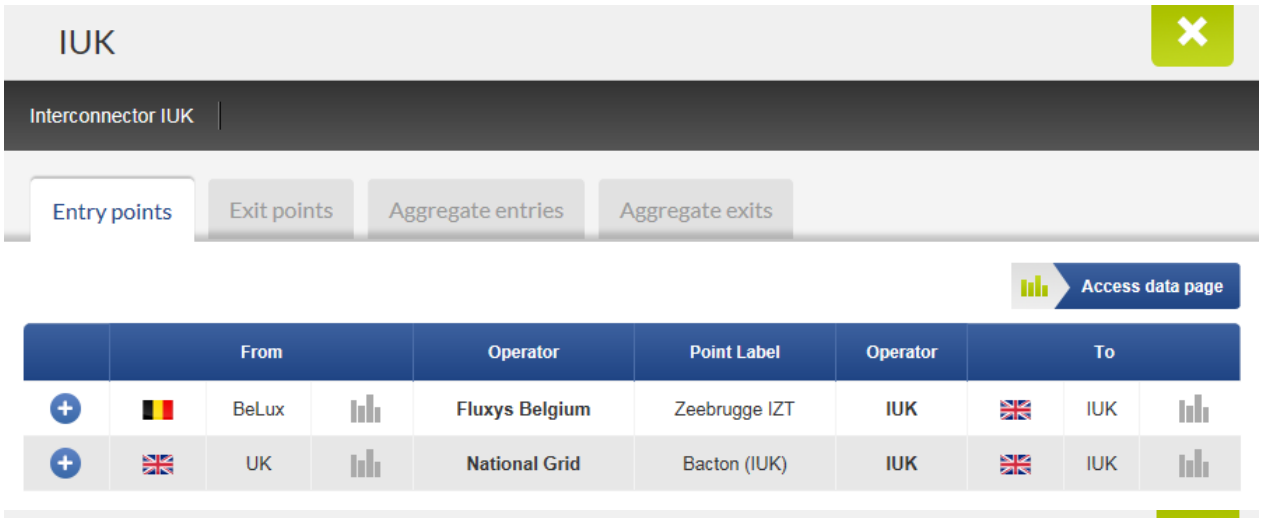
5.1.2. ZONE POPUPS

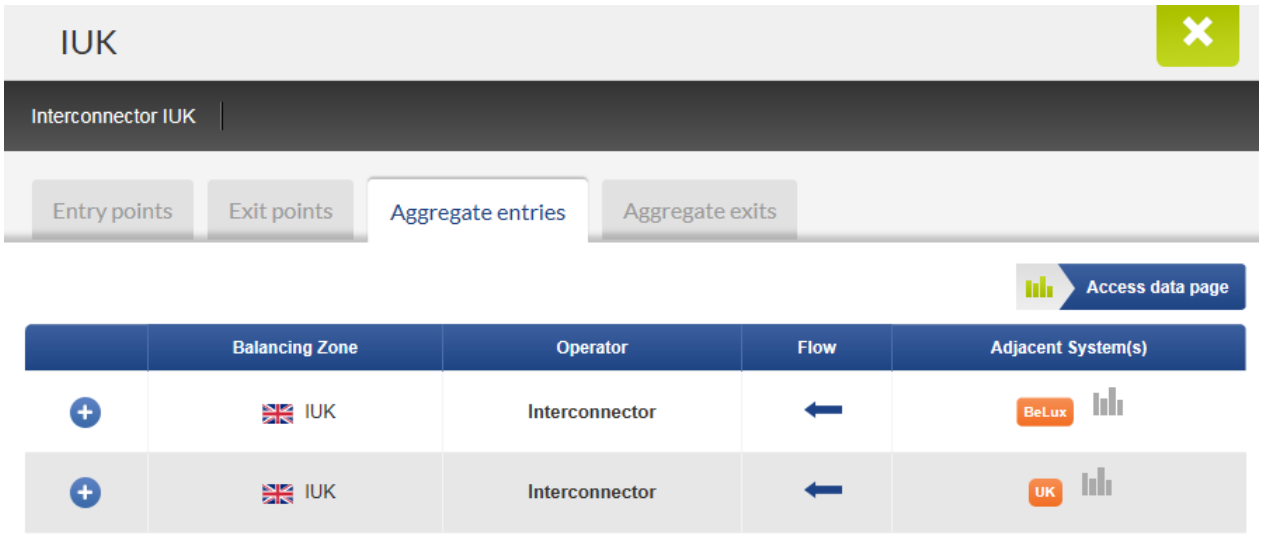
When clicking on a zone symbol a pop-up window appears which contains information about the:

- Zone name;
- Zone EIC;
- All entry points of the zone;
- All exit points of the zone;
- Information of the aggregated entries to adjacent zones;
- Information of the aggregated exits to adjacent zones.

The data is accessible via several tabs:

- Entry points tab – lists all entry points to the zone, as well as the adjacent Balancing Zones and operators;
- Exit points tab – lists all exit points from the zone, as well as the adjacent Balancing Zones and operators;
- Aggregate entries tab – lists the adjacent Balancing Zones and operators in the entry direction of the zone;
- Aggregate exits tab – lists the adjacent Balancing Zones and operators in the exit direction of the zone.

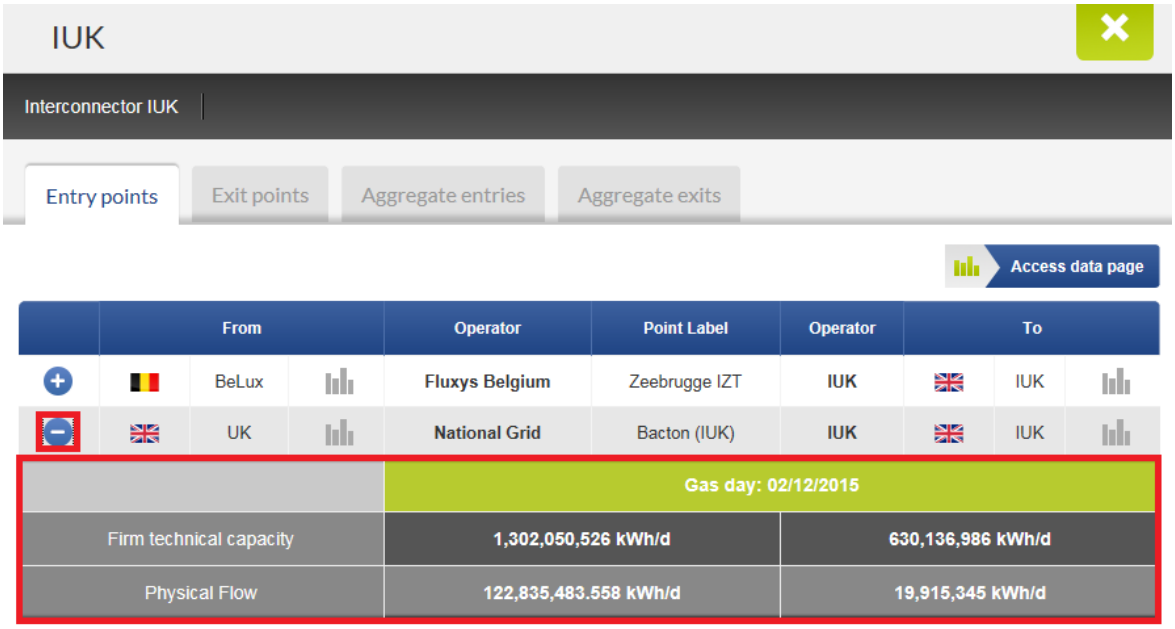




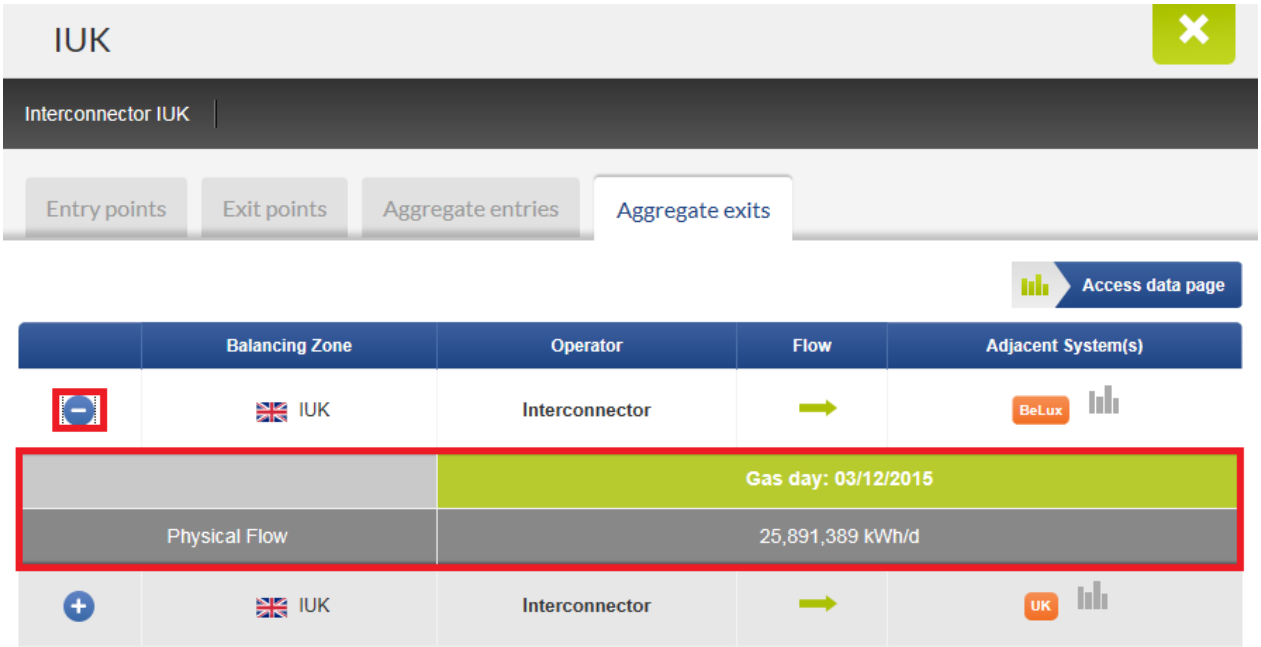
The navigation details of zone pop-ups repeat the navigation functions described earlier in point 5.1.1 for point pop-ups.

The Plus sign at entry/exit points tabs provides fast access to information about the physical flow and the technical capacity of the zone for a selected direction, during the current gas day.

When clicking on the Plus sign a drop-down menu appears and the sign turns to Minus .

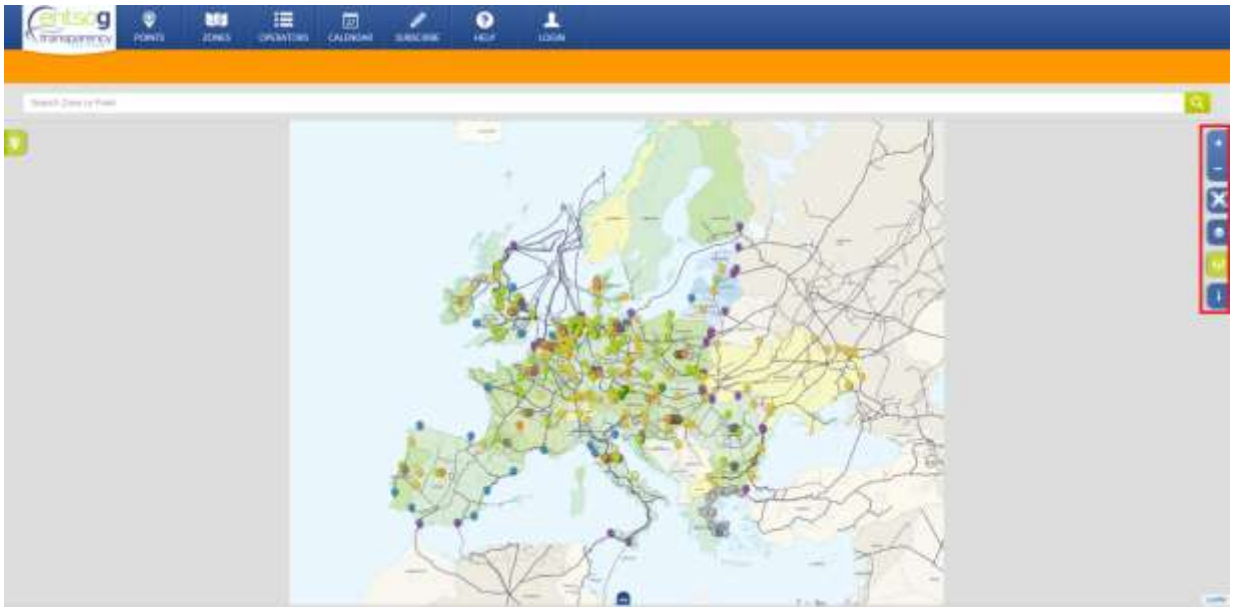


The Plus sign at the aggregate entries/exits tabs provides fast access to information about the physical flow for a selected direction, during the current gas day.



5.2. RIGHT SIDEBAR MENU

The information displayed on the Map is configurable through the Sidebar menu accessible on the right side of the screen.



The Sidebar menu provides access to the following tools:

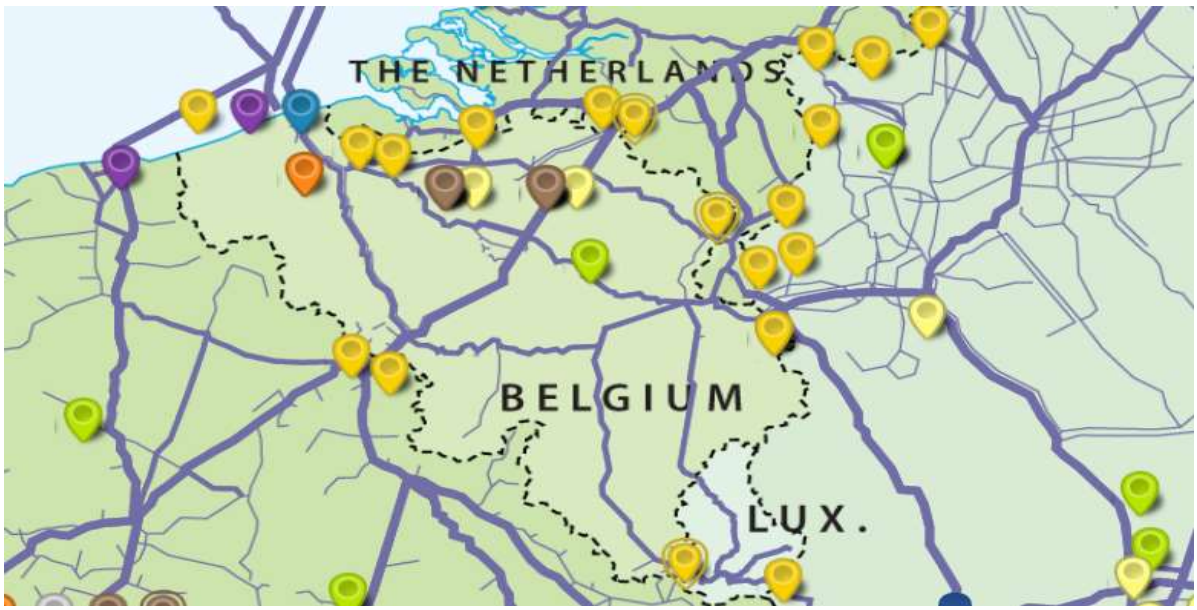
- Zoom In and Zoom Out tool;
- Full Screen map;
- Display settings of the map;
- Filters of the information on the map;
- Legend of the map symbols and colour codes.

5.2.1. ZOOM

The map can be Zoomed In and Zoomed Out through a sidebar buttons:

5.2.1.1. ZOOM IN

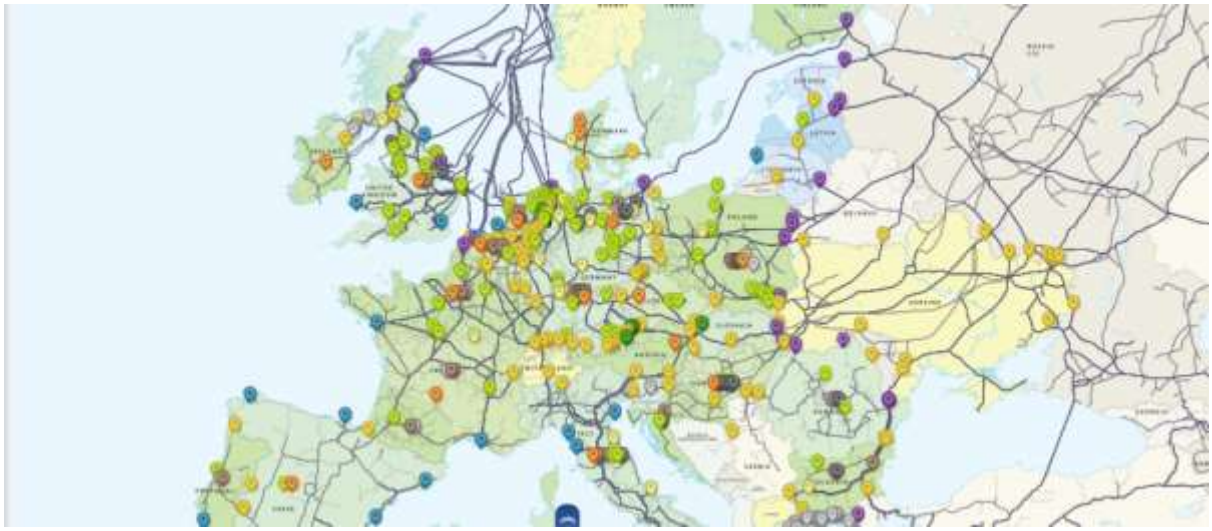
Using the Zoom In function, the TP user can get a closer view of a chosen area on the map:



If the primary button mouse is double-clicked on the map it has a Zoom In effect.
If the mouse is scrolled forward it has a Zoom In effect.

5.2.1.2. ZOOM OUT

Through the Zoom Out function the TP user can return to a more general outline of the map:



Scrolling the mouse backwards has a Zoom Out effect.

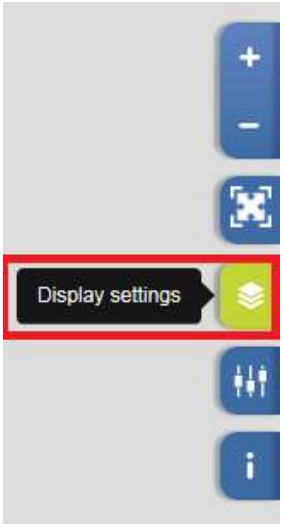
5.2.2. FULL SCREEN

The Full Screen button on the Sidebar allows the TP user to expand the view of the map on the whole screen.

If the mouse is double-clicked on the map it has a Zoom In effect.
If you press and hold the primary mouse button on the screen, you can drag and move the map on the screen.
To return from Full Screen map view to normal TP mode, press the ESC key on the keyboard.

5.2.3. DISPLAY SETTINGS

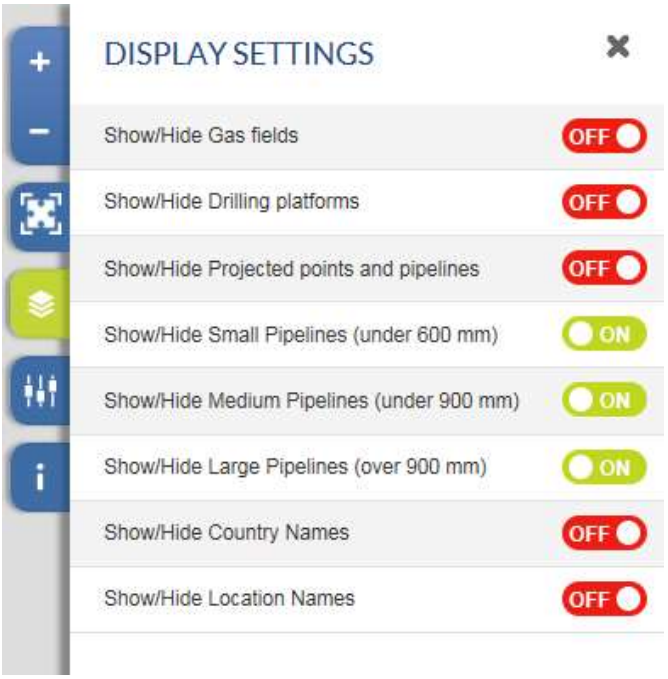
The information shown on the map can be managed through the Display settings menu.



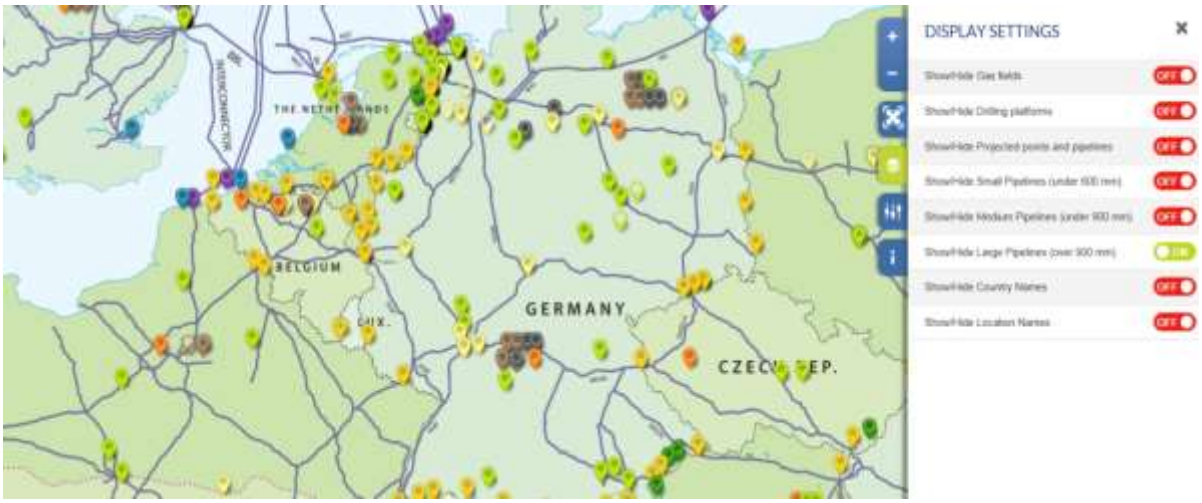
The Display settings menu allows users to show or hide the following categories of details on the map:

- Gas fields;

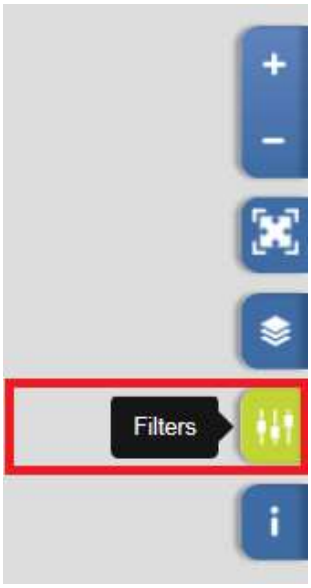
- Drilling platforms;
- Projected points and pipelines;
- Small pipelines;
- Medium pipelines;
- Large pipelines;
- Country names;
- Location names.



This is an example depicting the relevant points and only the large pipelines with a diameter bigger than 900 mm in Europe:



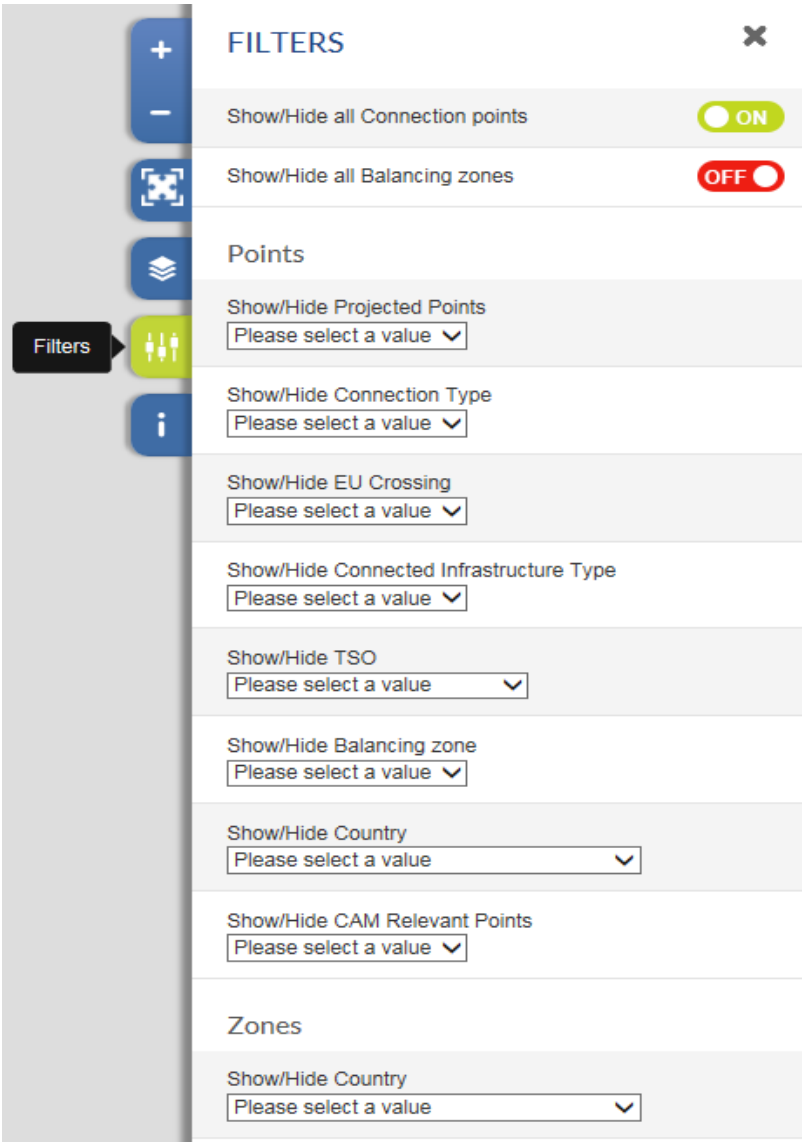
5.2.4. FILTERS



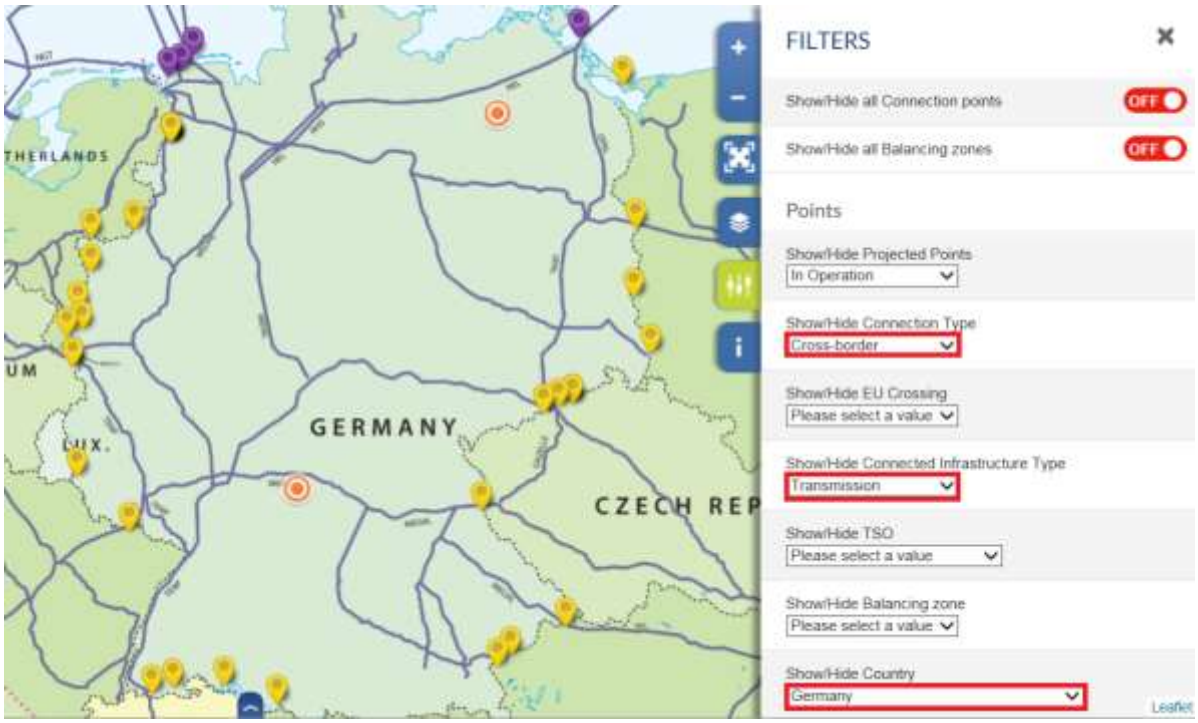
The Filters menu allows users to filter the information to be displayed on the map. The user can select to:

- Show or hide all connection points on the map;
- Show and hide all Balancing Zones on the map;
- Display only Operational points or only Projected points;
- Display only Interconnection points, or only Trading points or only Cross-border points;
- Display only the points within EU, or only the NON-EU points, or the connection points between EU and NON-EU countries;
- Filter the points shown on the map depending on the type of the infrastructure they are connected to, i.e. to display only the connection points to Distribution systems; or only the connection points to Transmission systems, or only the connection points to Final consumers, or only the connection points to Storage facilities, or only the connection points to Transmission systems, or only the connection points to Production facilities, or only Trading points or only the Entry points from LNG Terminals.

- Show information for one selected TSO or for all TSOs;
- Show information for one selected Balancing zone or for all Balancing Zones;
- Show information for one selected country or for all countries;
- Show only CAM-Relevant points or only NON CAM-Relevant points;
- Show Balancing Zones of selected country.

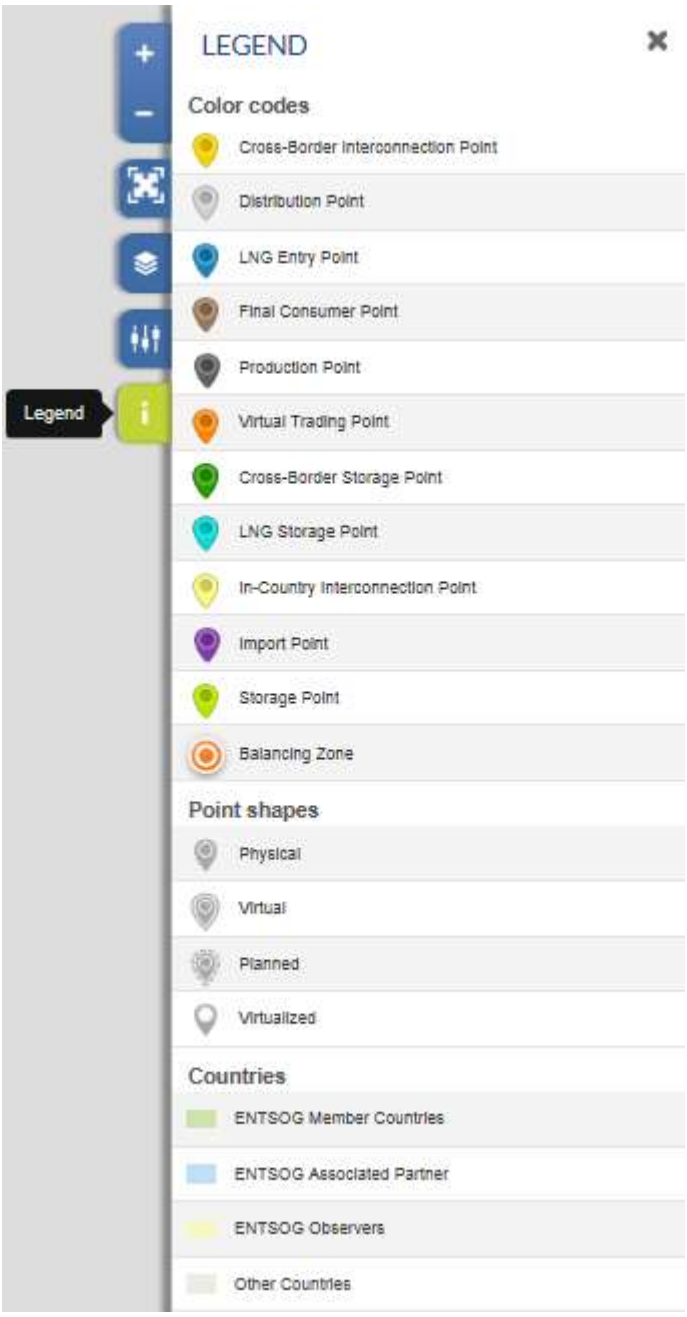


Example for filtering the points displayed on the map to:
Cross-border transmission points of Germany which are CAM-Relevant, plus the available Balancing Zones in Germany.



5.2.5. LEGEND

The Legend shows the meaning of the symbols and colour codes used on the map.



5.3. LEFT SIDEBAR - RECENTLY VIEWED ITEMS

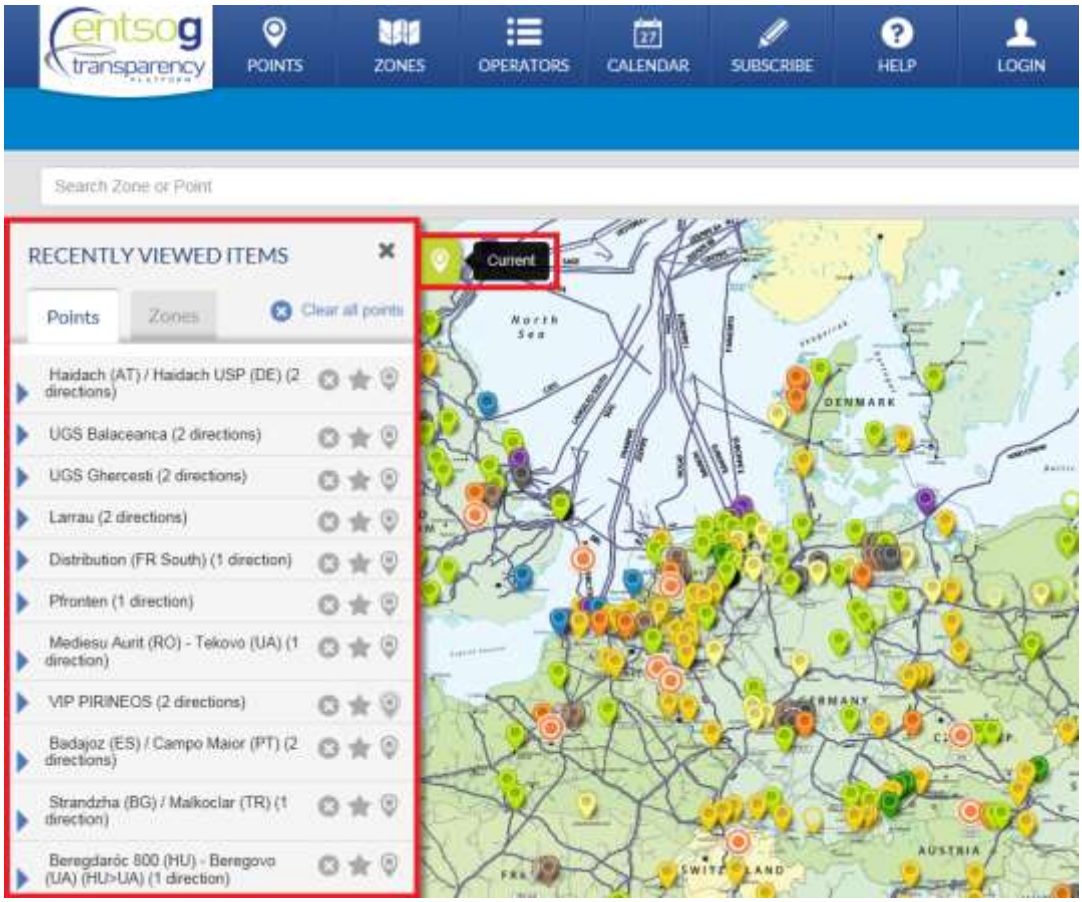
The Left hand sidebar consists of a single button providing direct access to the Recently Viewed Items.

As Recently Viewed Items will be shown the objects for which you have recently explored information, searched through the Search bar or clicked on the map.

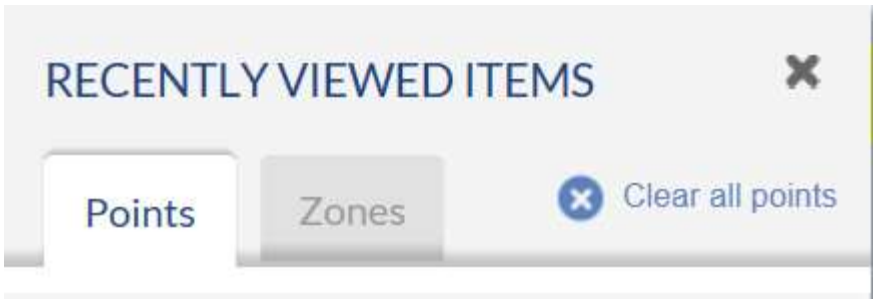
EXAMPLE

By clicking on the Current button

, the TP user can get access to the recently explored by him/her objects (points, zones) on the TP.



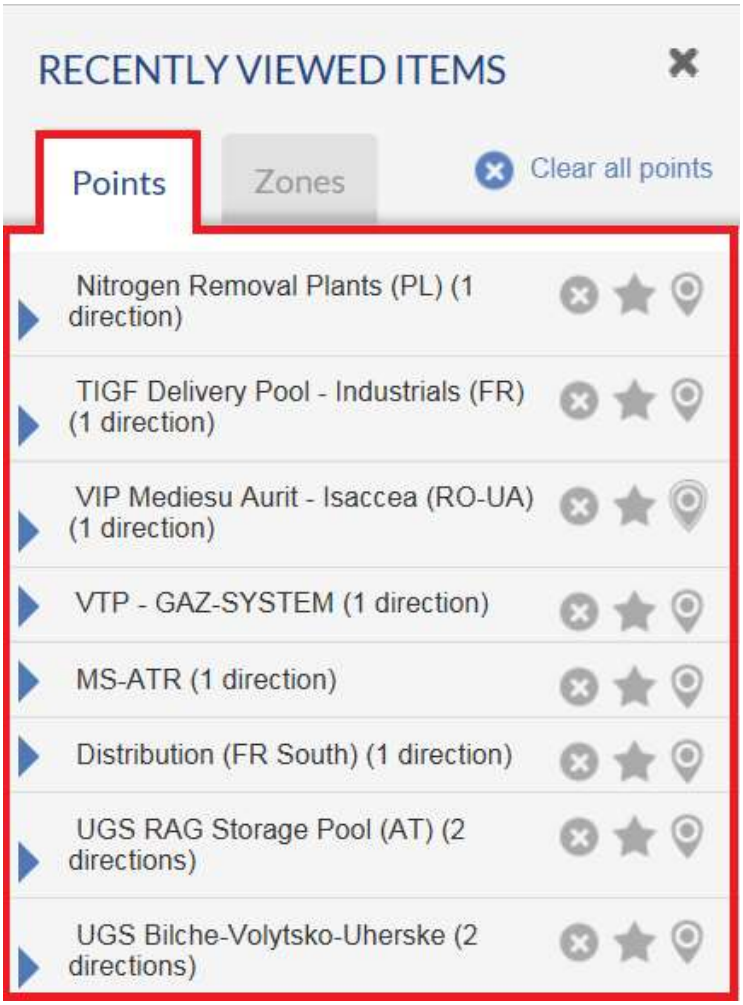
The Recently Viewed Items sidebar has two tabs:



The tab Points contains a list of the recently viewed points.
The tab Zones contains a list of the recently viewed zones.

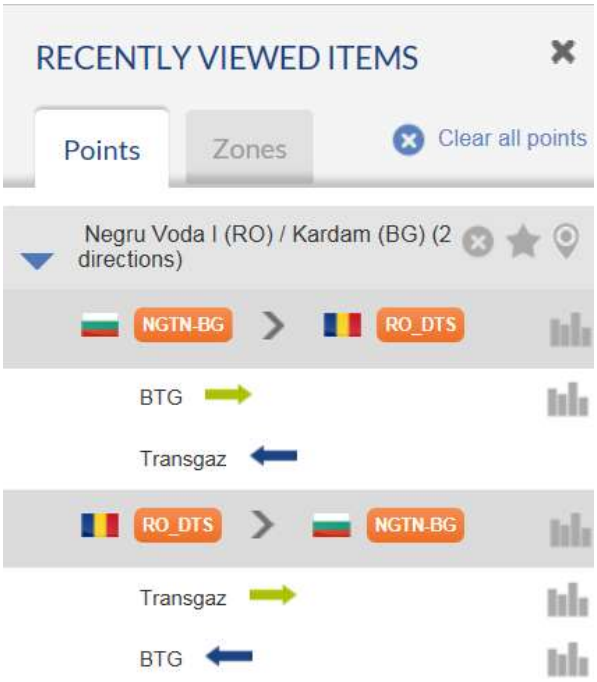
5.3.1. RECENTLY VIEWED POINTS

The Points tab displays the last twenty points that you have visited (e.g. clicked on, searched and explored).

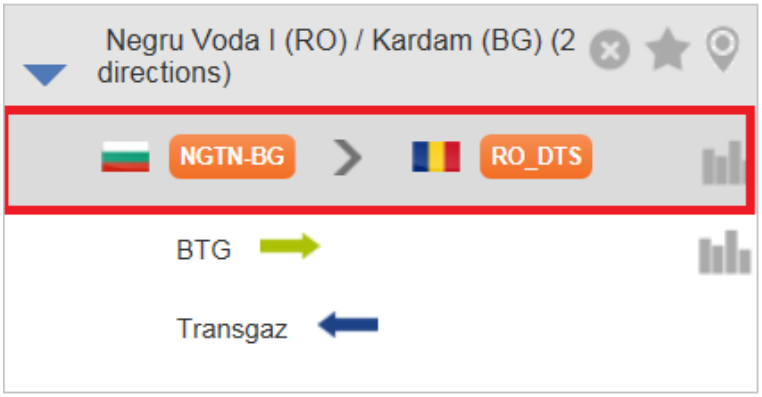


5.3.1.1. UNFOLDING ADDITIONAL POINT INFORMATION

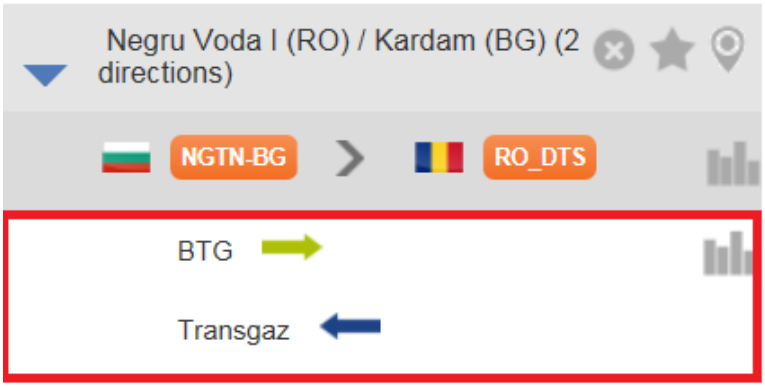
Each point can be unfolded. By clicking on a point name, information for connected at that point Operators, Balancing Zones and available point Directions will be shown.



The level at which the connected Balancing Zones are denoted is named “Arc level”:



The level at which the connected operators and respective point directions are listed is named “Operators level”:



5.3.1.2. DIRECTION INDICATORS

The available point directions are marked with arrows:

Exit point direction for the selected operator;

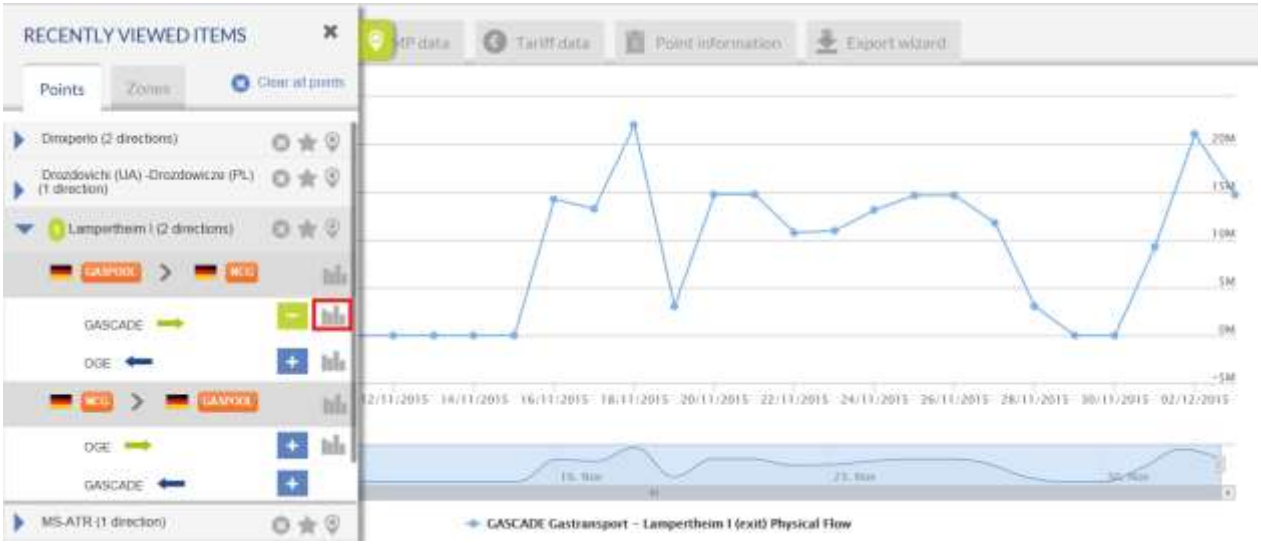
Entry point direction for the selected operator.

5.3.1.3. ACCESS TO DATA PART

If you click on the Bar chart symbol at the Arc Level, you can get access to the data published by both connected operators for the point.
In the example below, you will get direct access to the data published by GASCADE in exit direction and by OGE for entry direction of the point Lampertheim I.

To hide the data displayed on the data panel you click once again on the Bar chart symbol at Arc Level.
In order to hide the information published by GASCADE and to leave on the screen only the graph for the OGE data, press on the Minus sign symbol next to GASCADE name at Operators level.

If you click on a Bar chart symbol at Operators level, you will display the information published by the respective operator - in the example below - the information published by GASCADE in exit direction for the point Lampertheim I.



If you would like to display the information published by the adjacent operator, click on the Bar chart symbol or on the Plus sign next to its name. In the example below – click on the Bar chart or Plus sign symbol next to OGE name at Operator level.

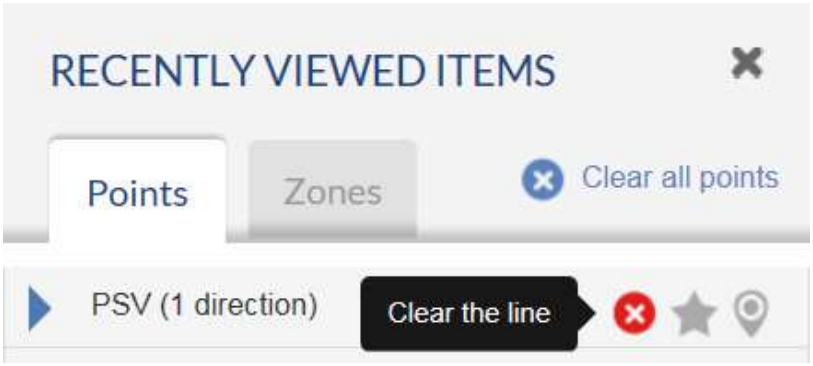
Tips

Clicking on the Bar chart symbol in the Recently Viewed Items will always clean up the previously displayed chart content. For Example, if the chart displayed ten series before, clicking on the Bar chart symbol will remove these ten series and then show your new selection.

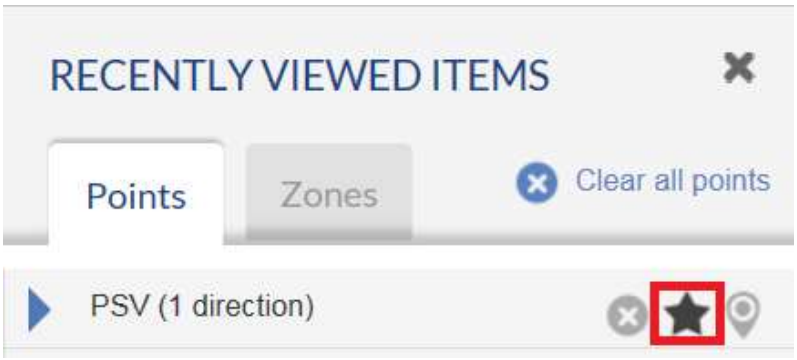
You can add or remove data series selectively, by using the + / − buttons. This will not clean up any previously displayed content in the chart.

The selection in Recently Viewed Items applies to all the tabs in the Points Data page.

You can remove a point from the list of Recently Viewed Items by clicking on the Cross symbol next to its name:

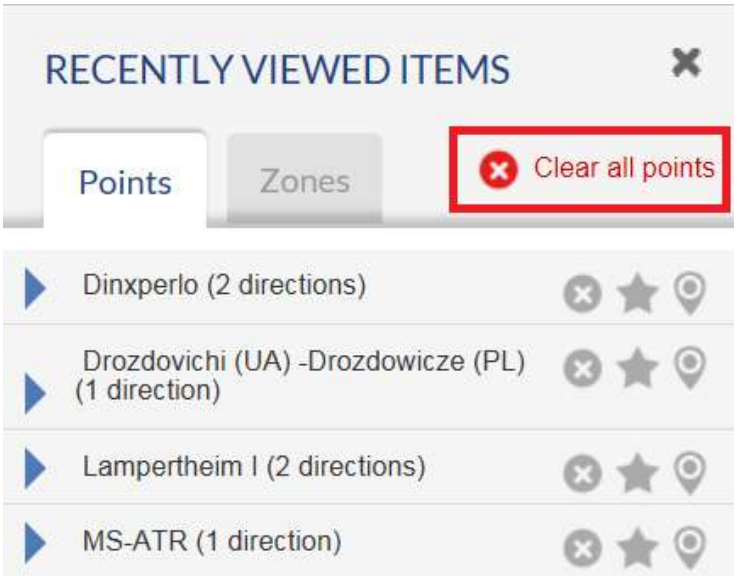


If you are a Registered TP user and you are logged in to your TP user profile, you can add as "favourite" item a point listed in the Recently Viewed Items by clicking on the Star symbol:



By clicking on the Balloon symbol next to the name of the point in the list of Recently Viewed Items you can get it visualised on the TP map:

To clear the list of the Recently Viewed points, press on the button “Clear all points”:

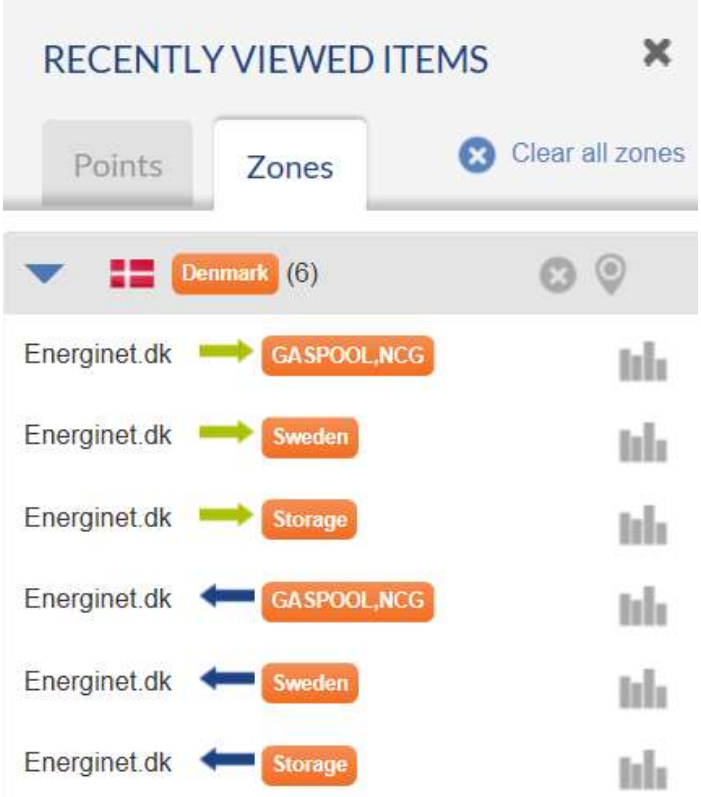


5.3.2. RECENTLY VIEWED ZONES

The Zones tab displays the recently visited by the TP user Balancing Zones.

5.3.2.1. UNFOLDING ADDITIONAL ZONE INFORMATION

For each zone listed in the Recently Viewed Items additional information can be displayed.
By clicking on a zone name, information about the Operator(s) that belong to the selected Balancing Zone and the adjacent Balancing Zones is unfolded. The unfolded items present all aggregated entries and exits to and from the selected Balancing Zone and its adjacent zones.



5.3.2.2. DIRECTION INDICATORS

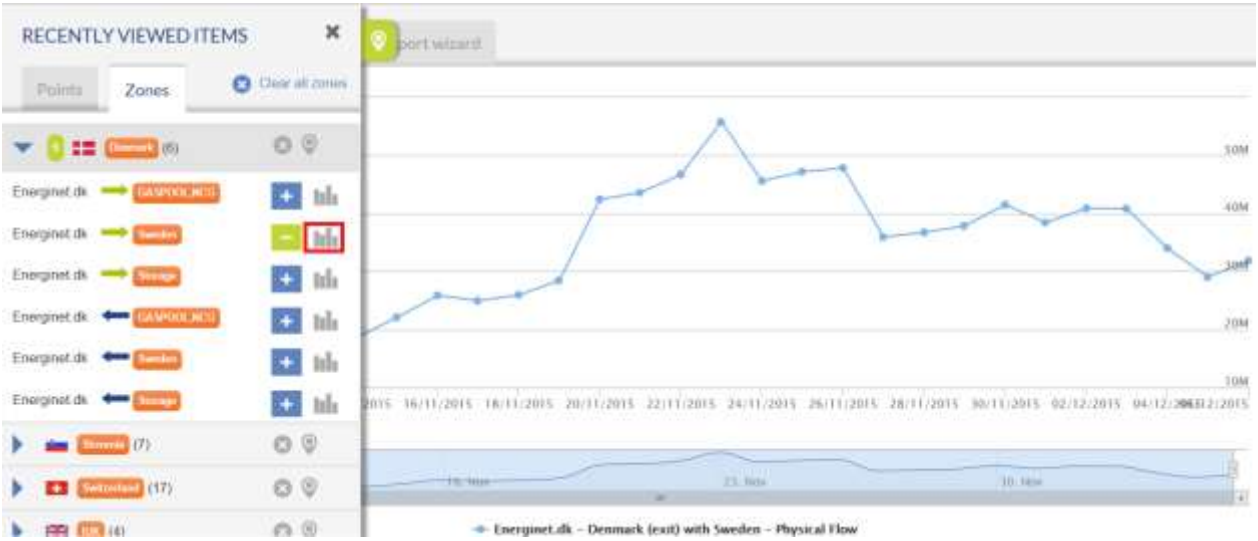
The flow direction between the adjacent zones is shown by the following direction arrow signs:

Aggregated exits out of the selected balancing zone and operator;

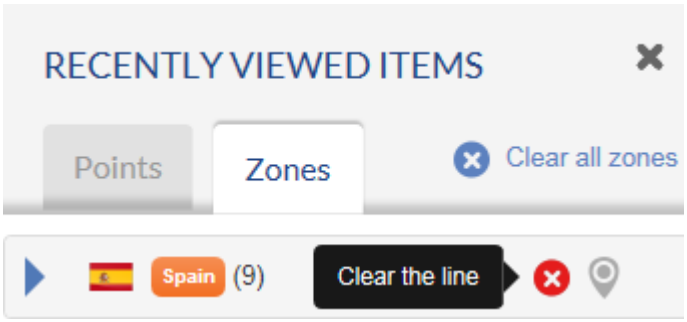
Aggregated entries into the selected balancing zone and operator.

5.3.2.3. ACCESS TO DATA PART

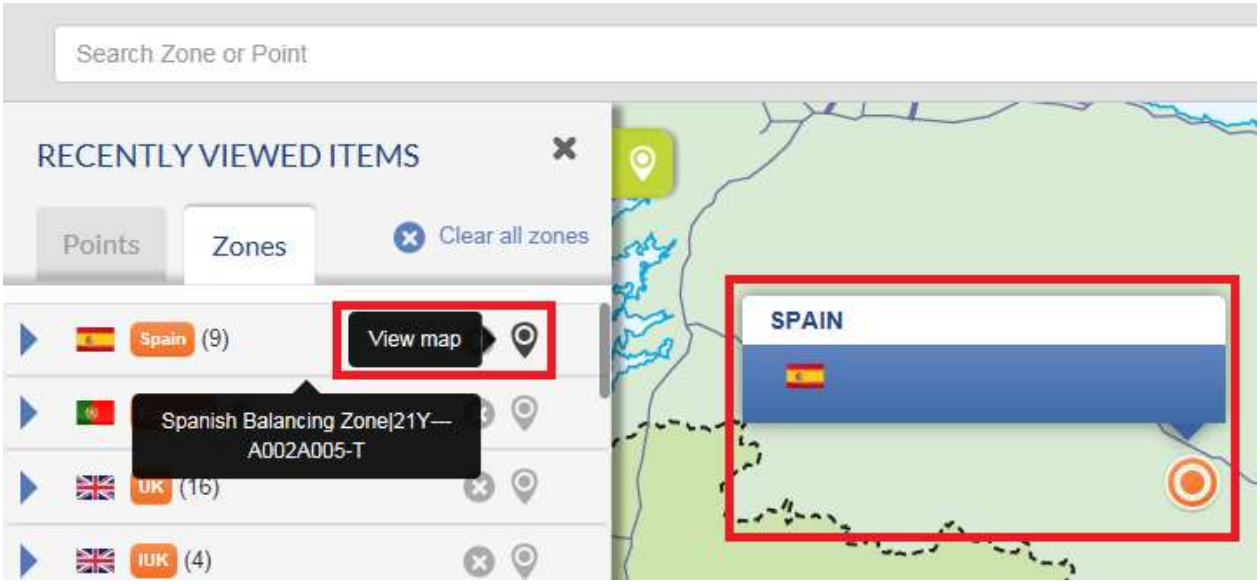
By clicking on the Bar chart symbol or Plus sign next to the name of selected adjacent Balancing Zone you can directly access the data published by the respective operator for the flow between two Balancing Zones.



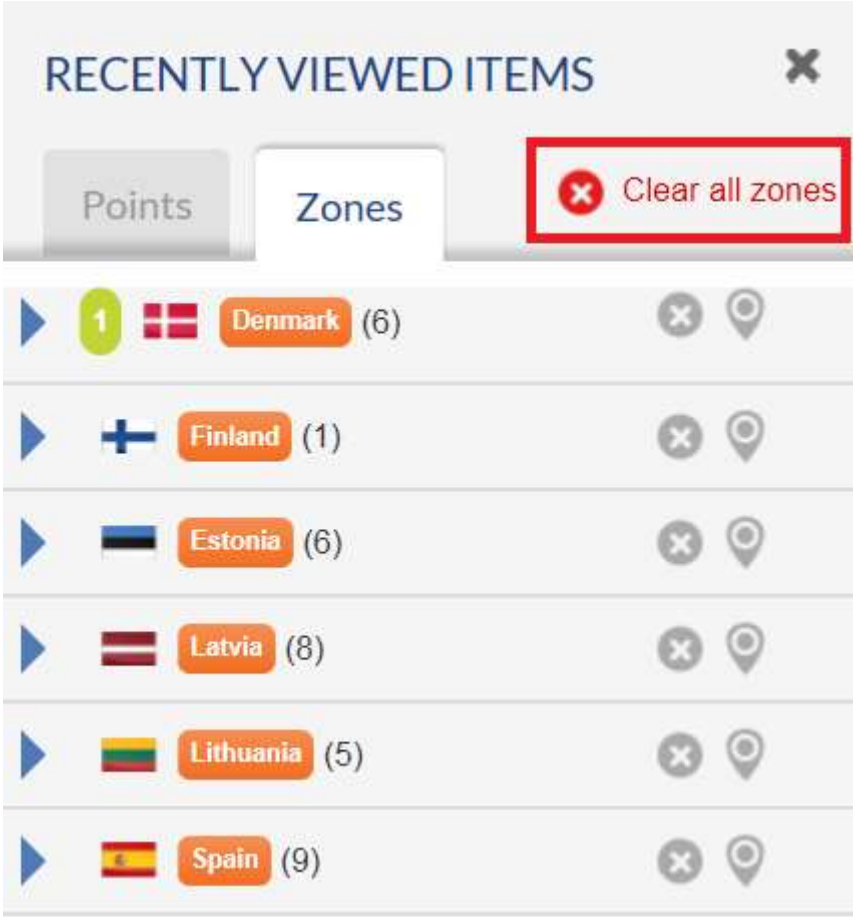
You can remove a zone from the list of Recently Viewed Items by clicking on the Cross symbol next to its name:



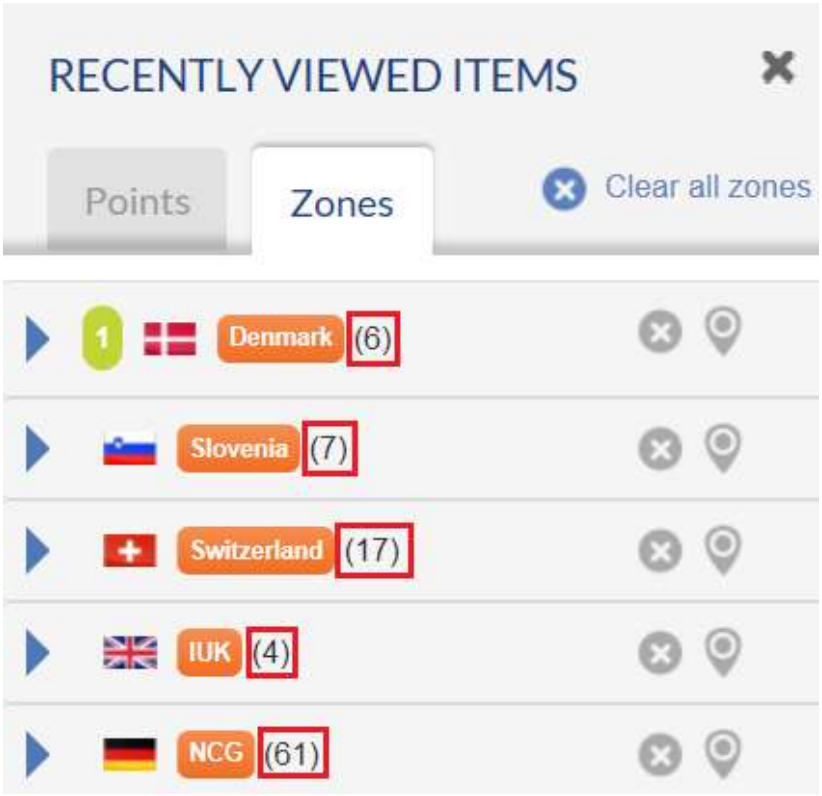
By clicking on the Balloon symbol next to the name of the zone in the list Recently Viewed Items you can get it visualised on the TP map:



To clear the list of the Recently Viewed Zones, press on the button “Clear all zones”:



The figure in brackets next to the zone name shows the number of the aggregated entries and exits to and from the selected Balancing Zone.

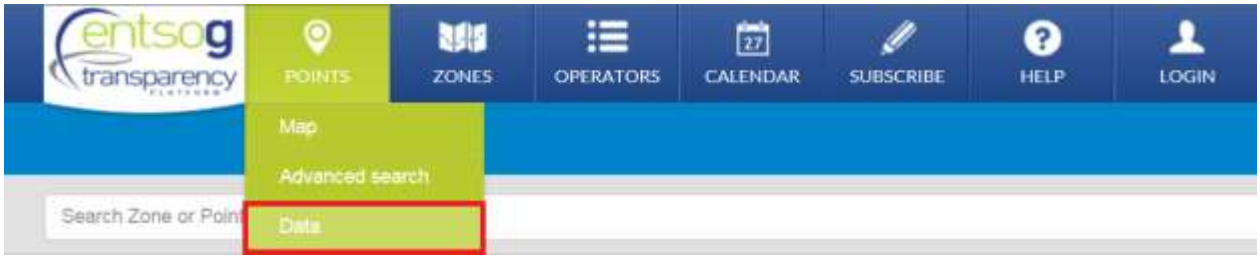


5.4. REDIRECTION OPTIONS

How to access TP Data Part from the TP Map?

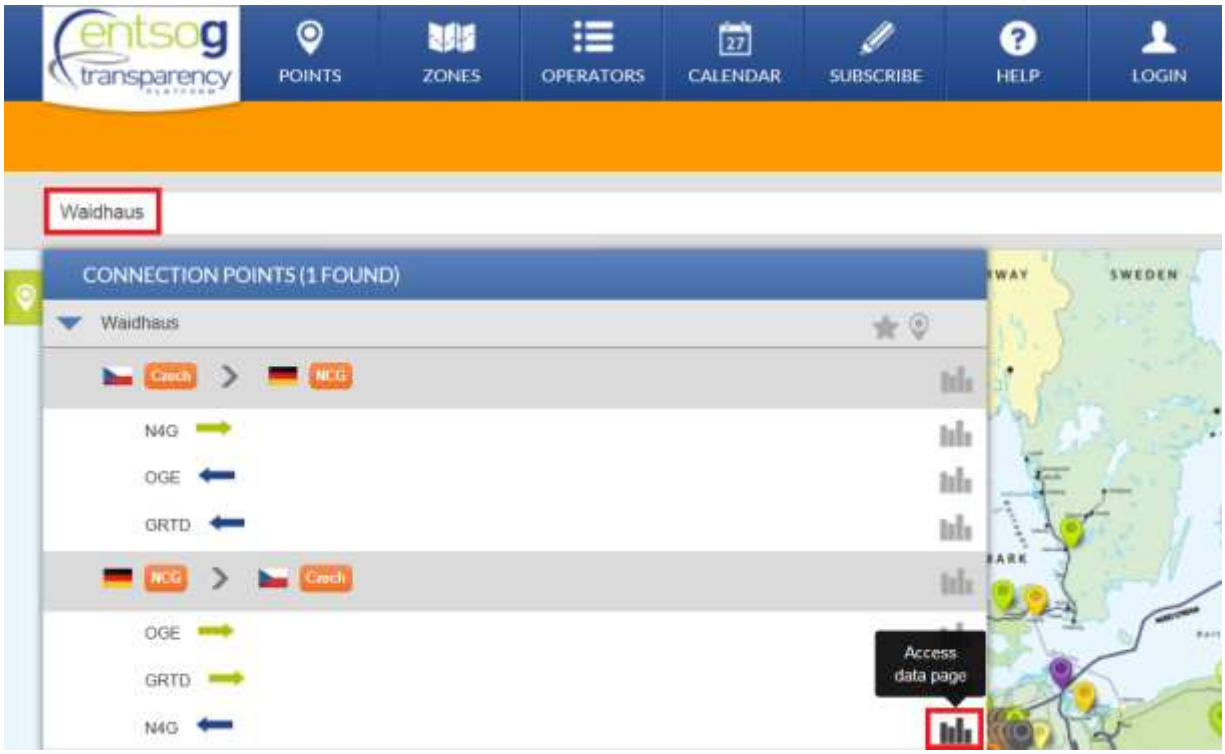
There are many possibilities to access TP data from the Map.

- Through POINT menu - > DATA submenu:

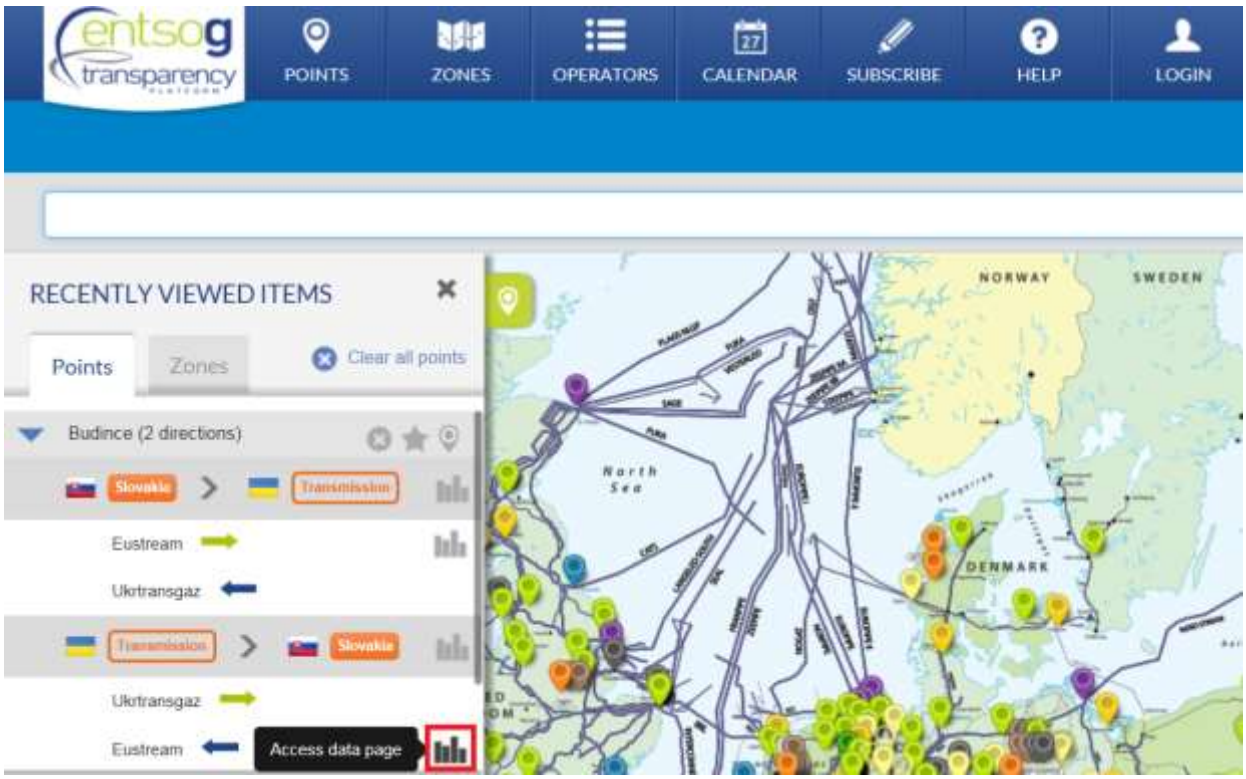


- Through ZONE menu - > DATA submenu:

- By searching for an object through the SEARCH BAR:
  Select the item of interest from the drop-down menu that appears and click on the bar chart symbol:

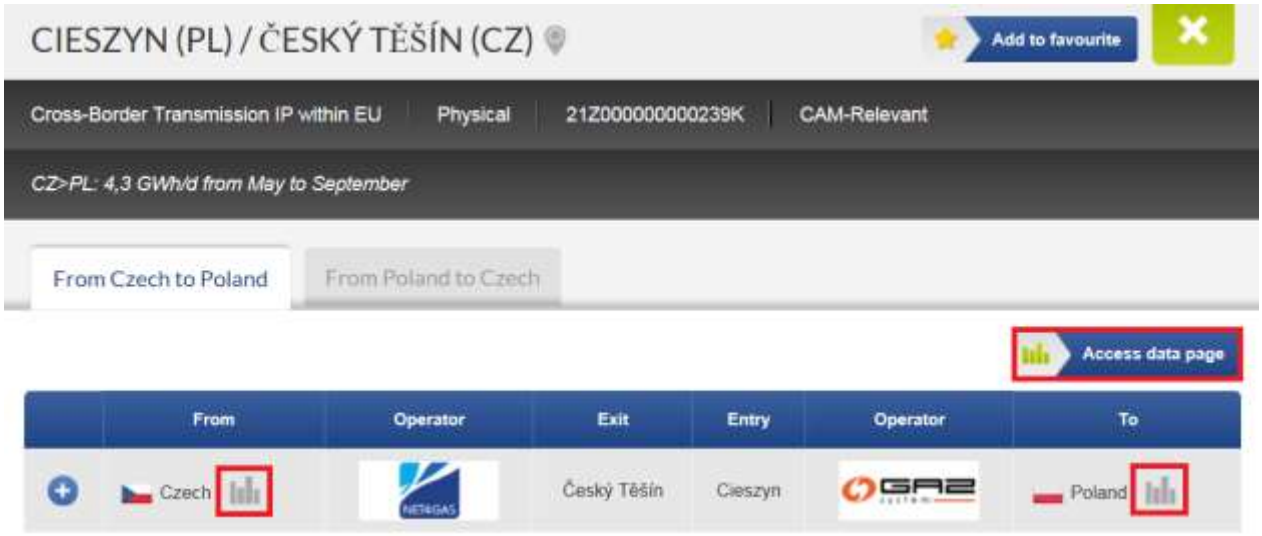


- Through the left sidebar – Recently Views Items:
  Select and unfold an item of interest from the Recently Views Items. Click on a Bar chart symbol to get direct access to the data for particular operator/direction:



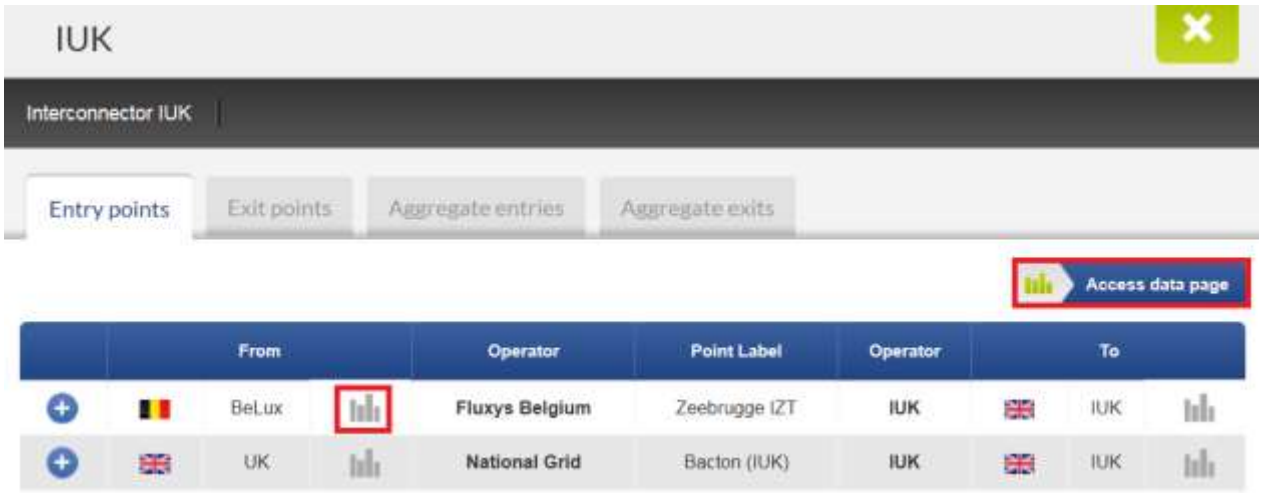
- Through Map point pop-up:

  Click on a selected point on the map. By clicking on a Bar chart symbol on the Point pop-up you can access the data published by particular operator for the selected point direction:



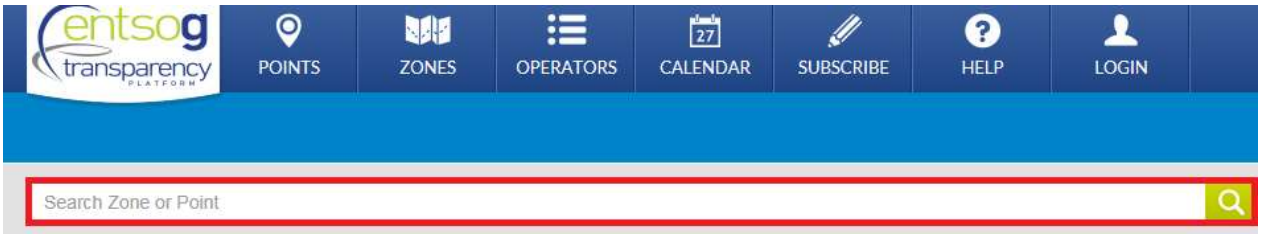
- Through Map zone pop-up:

  Click on a selected zone on the map. Through the Zone pop-up you can get access to data about the points and adjacent zones connected to the selected Balancing Zone:



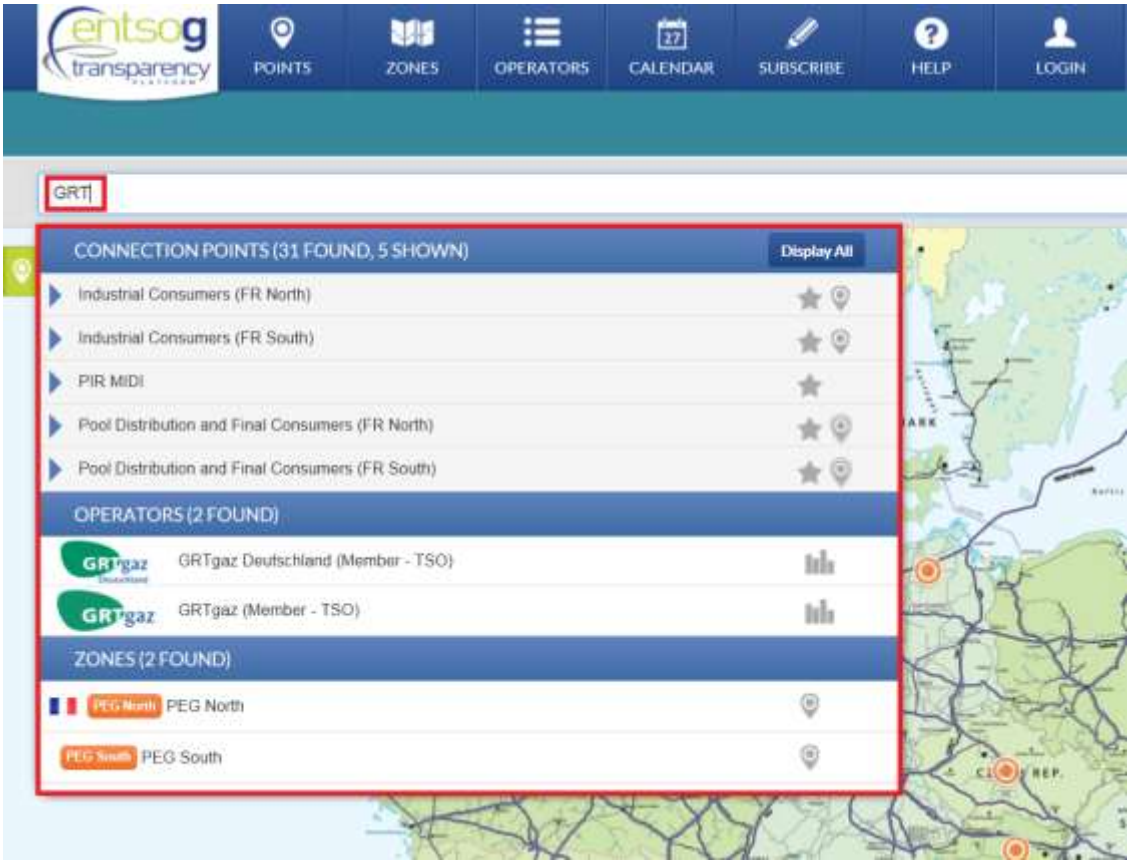
6. SEARCH BAR AND ADVANCED SEARCH FUNCTIONS

6.1. SEARCH BAR

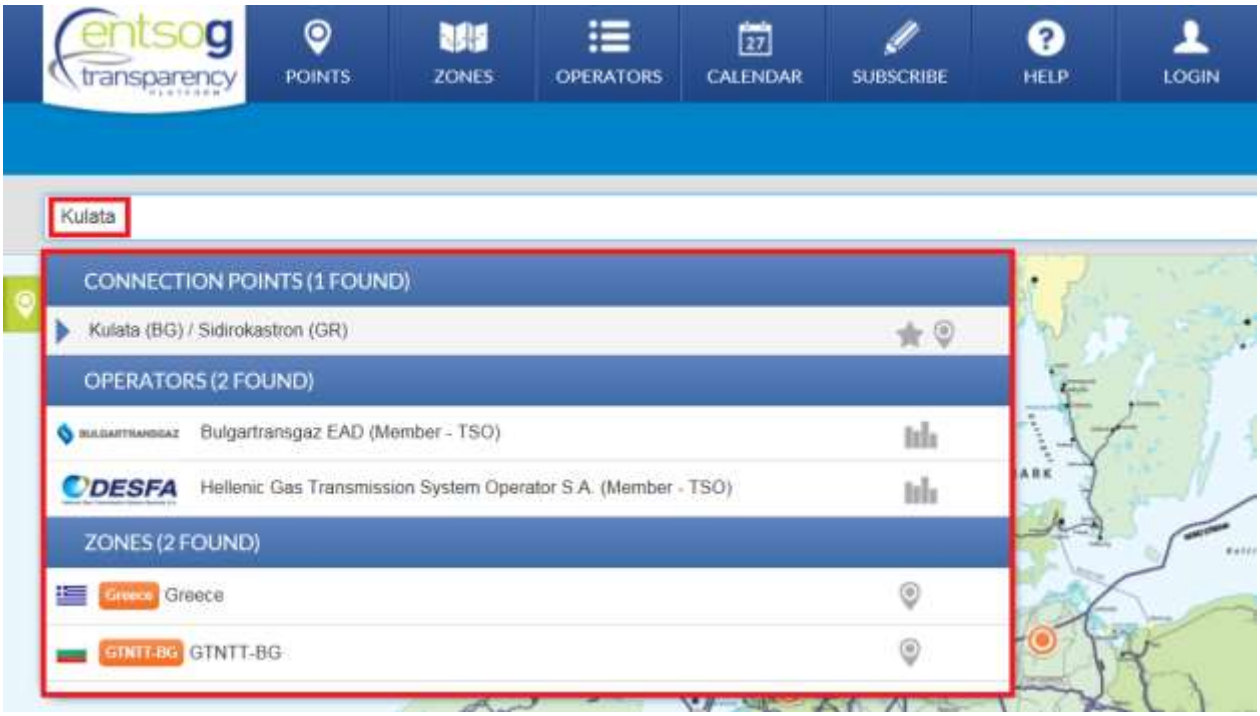


Through the Search bar the TP user can search for a point, balancing zone, operator, country or location by using the EIC code, the name or part of the name of the object in interest.

The search results will return a drop-down menu listing the objects with match of the searched information.

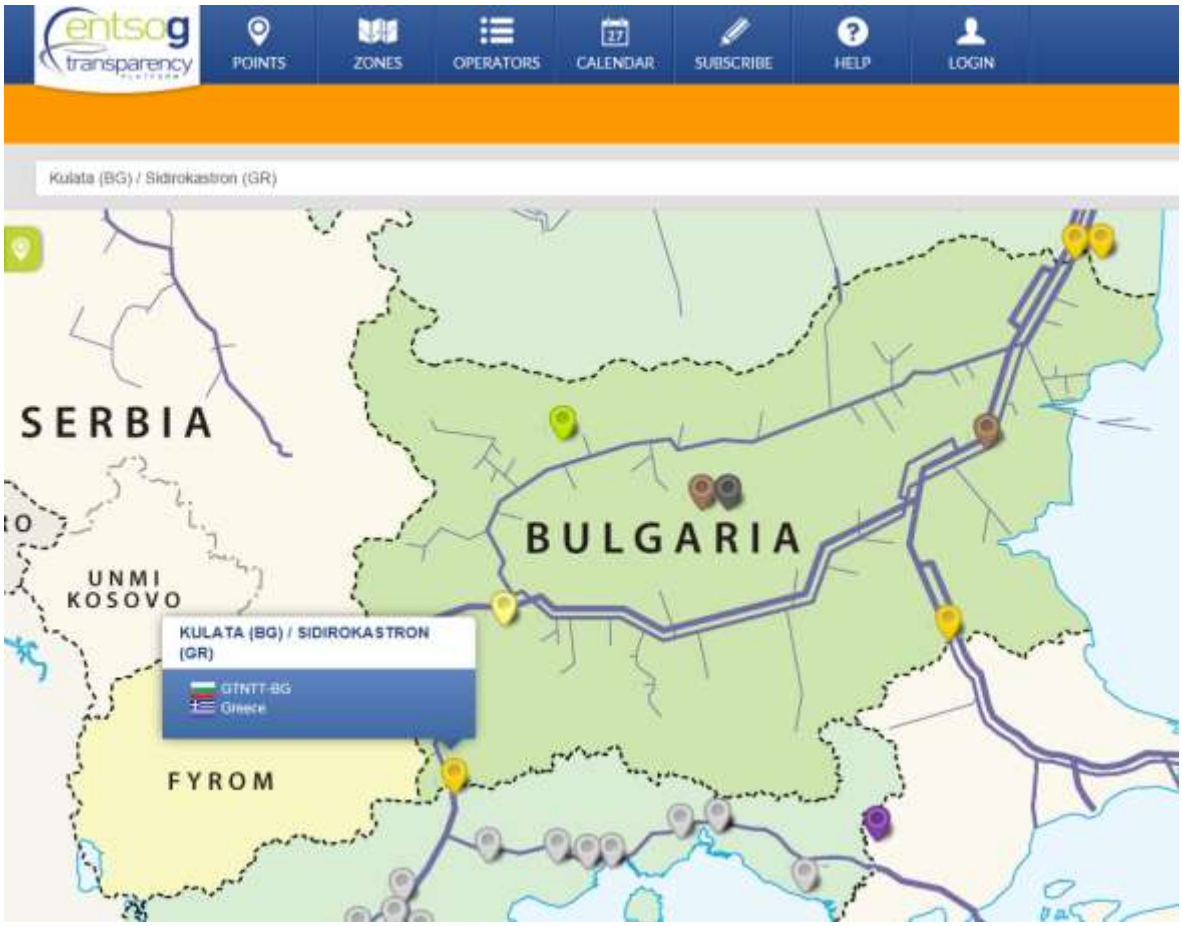


In the case of network point search, during the name input, a drop-down menu appears below the Search bar showing information about the point, operator(s) and zone(s) to which the point belongs.

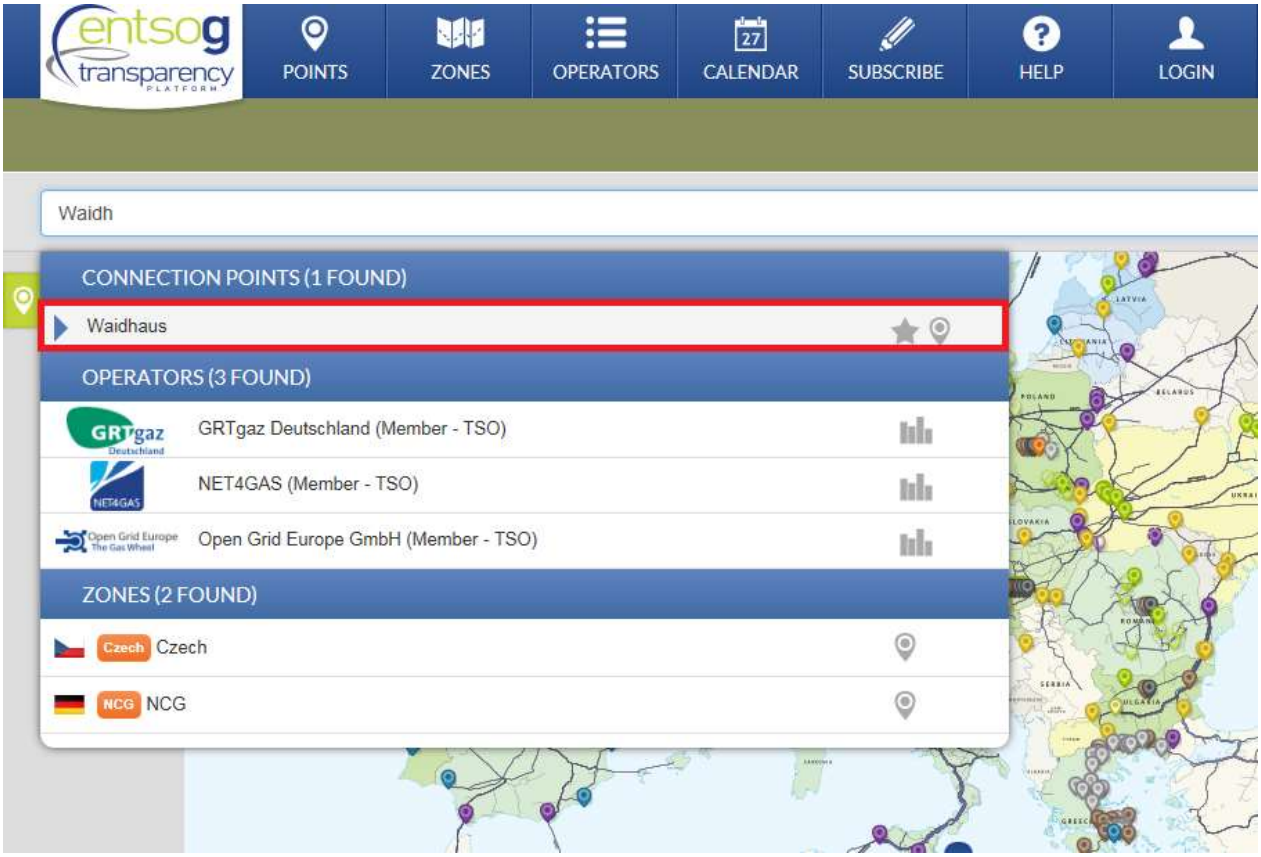


EXAMPLE

In the case of an exact match between the searched and an existing on the platform network point name, after clicking ENTER, the point is shown on the map.

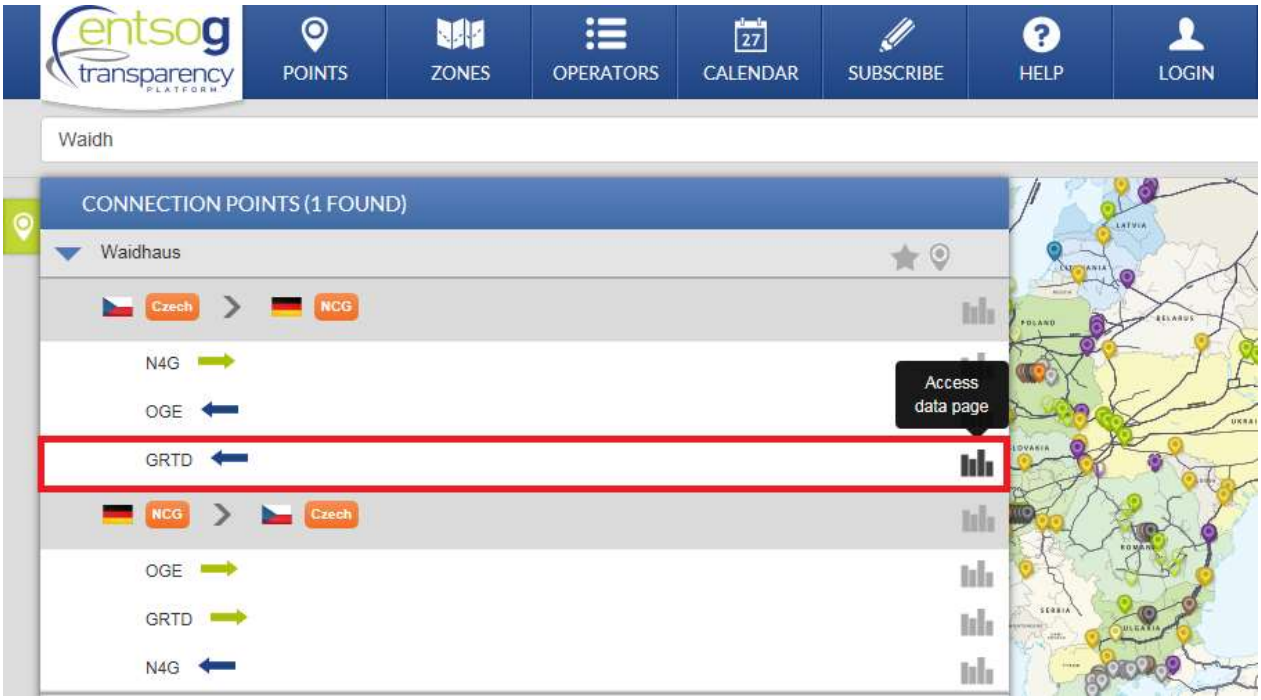


When searching for a point through the Search bar, during the name input, a drop-down menu appears below the bar. Detailed information on point, including values published by the relevant TSOs for the required indicators, can be accessed directly from this drop-down menu.



To access the point transport data:

1. Press on the name of the connection point shown on the drop-down menu;
2. Choose the point direction and select the TSO whose information shall be displayed:



As you can see, there are different levels displayed under a point name in the shown drop-down menu:

- Level 1 – Arc level:
  It shows which Balancing Zones or infrastructures are connected by the point.
  Next to this line, a chart symbol is always displayed.

- Level 2 – Operators level:
  It shows which operators are connected in this the respective Arc, and what is their relative flow direction. A chart symbol is displayed if the operator mentioned publishes data in this direction.

Clicking on the chart symbols will have a different effect depending on their position:

> Clicking on the chart symbol at Level 1 redirects you to the "Points Data" page, **clears up all previously shown data**, and displays all the operator flow directions linked to the Arc in Level 1.

> Clicking on the chart symbol at Level 2 redirects you to the "Points Data" page, **does not clear up previously shown data**, but instead adds to these data a new series with the operator flow direction selected.

In the example above, the point “Waidhaus” is shown. Two Arcs are displayed:

- Czech > NCG;
- NCG > Czech.

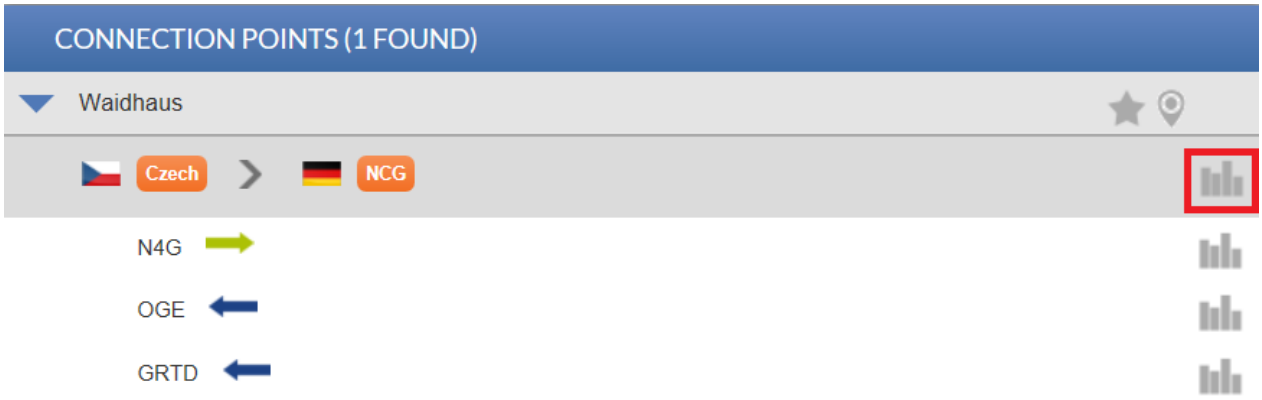
This means that the point can be used to exchange gas either from Czech balancing zone to NCG balancing zone, or from NCG balancing zone to Czech balancing zone.

Under the Arc Czech > NCG, we can see three lines:

- N4G Exit;
- OGE Entry;
- GRTD Entry.

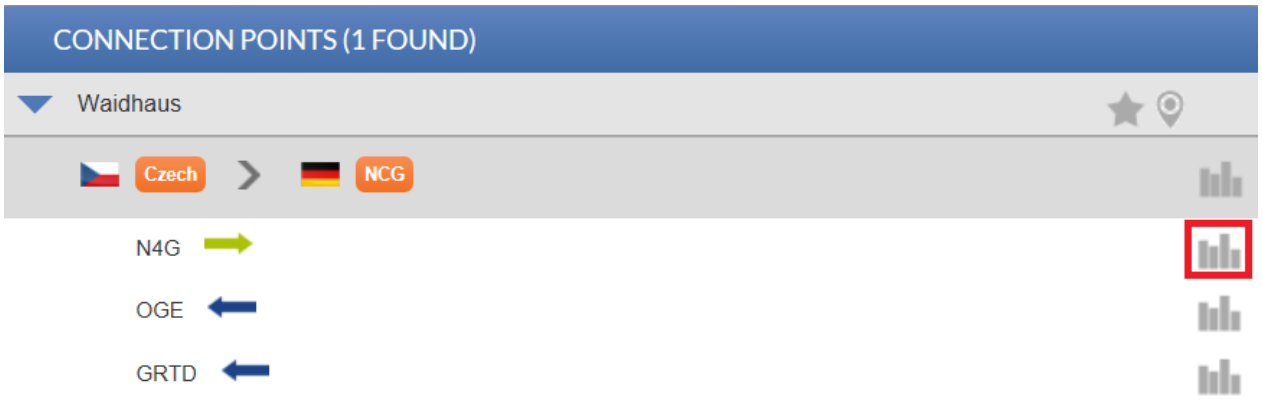
This means that one operator (NET4GAS) delivers gas from the Czech balancing zone to two operators (OPEN GRID EUROPE, GRTGAZ DEUTSCHLAND) in the NCG Balancing Zone.

Clicking on the chart symbol next to the “Czech > NCG”:

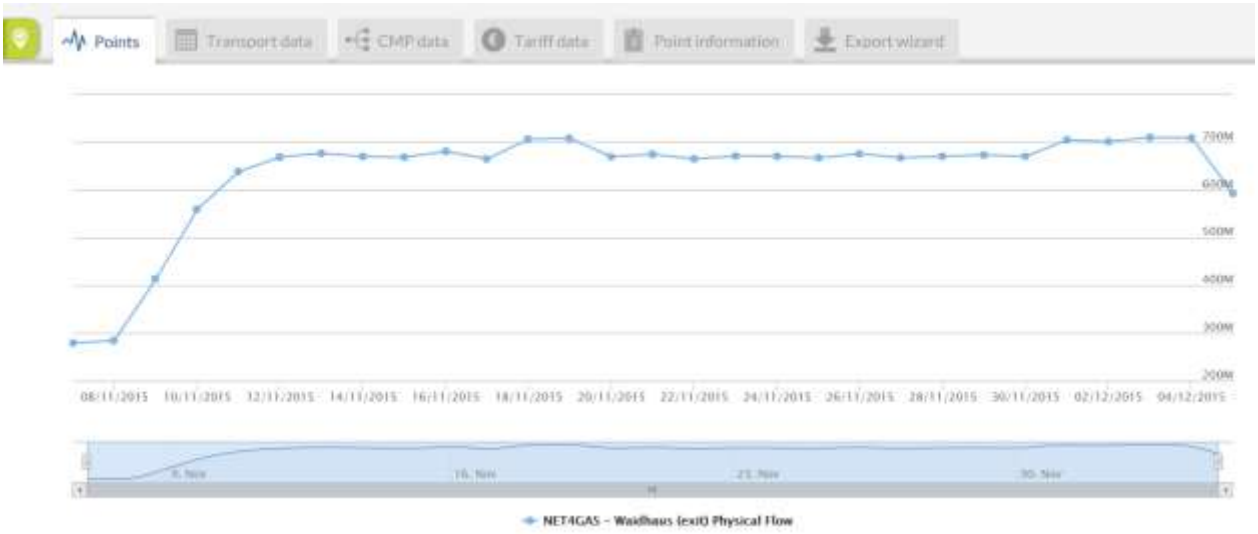


will redirect you to the “Points Data” page, and load the data of all three operator lines.
On this way, you can easily compare the data provided in entry and exit direction, which generally should match, unless there are specific circumstances like pipe-in-pipe agreements:

Clicking on the chart symbol next to “N4G exit”:



will redirect you to the “Points Data” page, but will only load the exit data provided by NET4GAS:



We detected an issue related to the access to the Point Data from the Search bar, when accessing the Platform from computers with MS Windows 8.1 Operating system. The problem is related to localStorage API.

To workaround this issue, you have to:

1. Refresh the page - press F5 key or click on “Reload” button of the browser;
2. Clear the cache;
3. Clear the local storage.

Below you can find further instructions on how to clear the cache and the local storage on the most common web-browsers:

Browser	How to clear the cache?	How to clear the localStorage?
	○ Click on the Gear icon at the top right of the browser window and select **Internet Options**; ○ Click **Delete** under Browsing History; ○ Uncheck every box except the box for **Temporary Internet Files** in the Delete Browsing History window; ○ Click **Delete**; ○ Click **OK**.	Open the navigator console using **F12** Key or via the menu **Tools** > **Development tools**; Execute the following commands on the console: **localStorage.clear();** **sessionStorage.clear();**

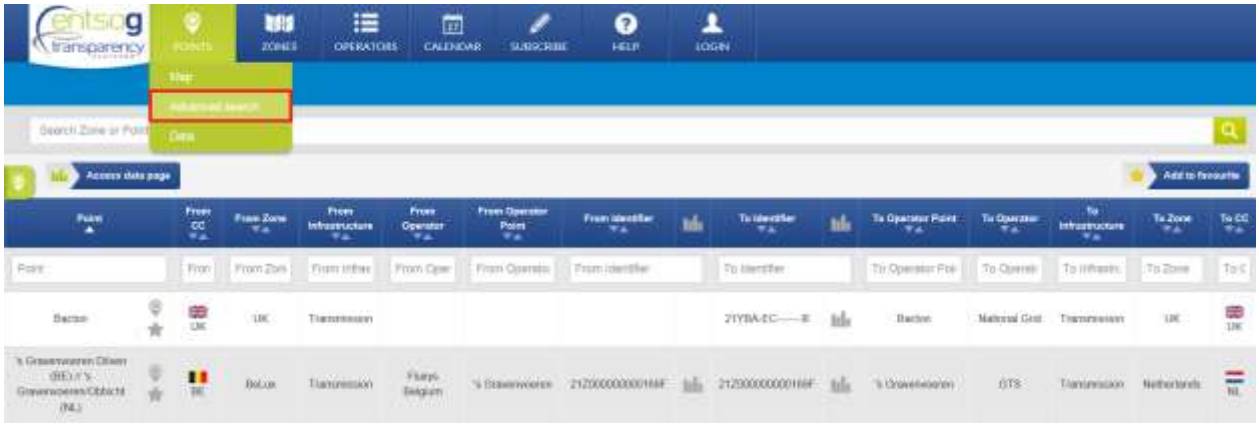
	○ Click on **Tools** on the menu bar and select **Clear Recent History**; ○ Select everything from the Time range to clear drop-down list; ○ Click the down arrow next to Details; ○ Click to check the box **Cache**; ○ NOTE: Make sure to check **Cache** only; ○ Click **Clear Now**; ○ Click **OK**; ○ Close and reopen the browser.	Open the navigator console using **F12** Key or via the menu **Tools** > **Web Developer extension**; Execute the following commands on the console: **localStorage.clear();** **sessionStorage.clear();**
	○ Click the **Chrome Tools** icon on the menu; ○ Select **Options**; ○ Click the **Under the Hood** tab; ○ Click the **Clear browsing data** button; ○ Click to check the **Empty the cache** box; ○ Click the **Clear browsing data** button; ○ Click the **Close** button; ○ Close and reopen the browser.	Open the navigator console using **Ctrl+Shift+J** combination or via the menu **Tools** > **JavaScript Console** Execute the following commands on the console: **localStorage.clear();** **sessionStorage.clear();**
	○ Go to a non-LexisNexis webpage; ○ Click the **Safari menu** and select **Reset Safari**; ○ Click to check the box **Empty the cache**; ○ Click **Reset**; ○ Close and reopen the browser.	To activate the console: ○ Click the Safari Tools icon on the menu; ○ Select **Preferences**; ○ Select the **Advanced** Tab; ○ Check checkbox "Show the developement pmenu in the Menu bar"; ○ **Ctrl+Alt+I** or **Ctrl+Alt+C** Execute the following commands on the console: **localStorage.clear();** **sessionStorage.clear();**

6.2. ADVANCED SEARCH FUNCTIONS

The ENTSOG TP provides to its users Advanced Search possibilities for points and zones.

6.2.1. ADVANCED SEARCH FUNCTIONALITY FOR POINTS

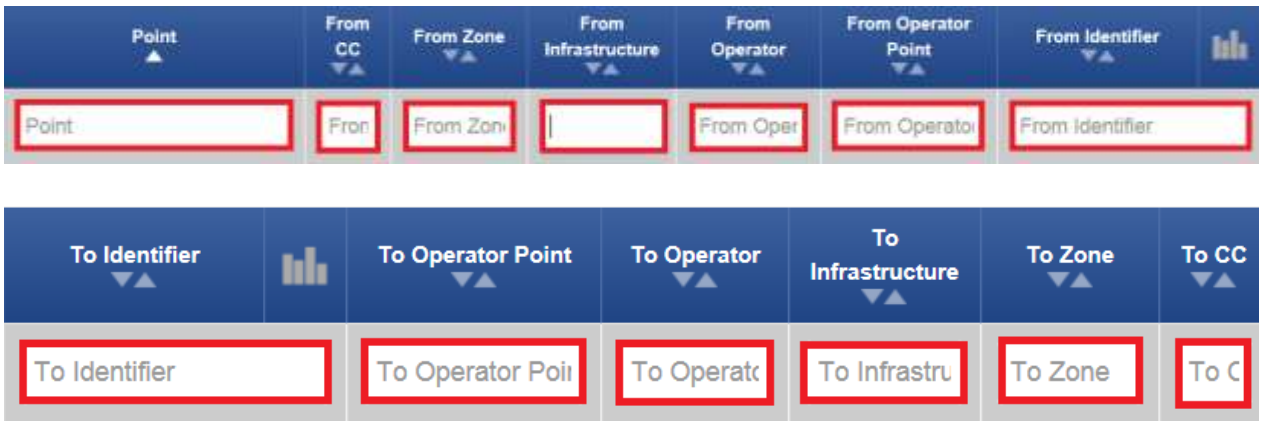
The tool for points advanced search is accessible through POINTS menu -> ADVANCED SEARCH



The advanced searched options available are:

- Point name;
- From country;
- From zone;
- From infrastructure;
- From operator;
- From operator point;
- From identifier;
- To identifier;
- To operator point;
- To operator;
- To infrastructure;
- To zone;
- To country.

To find information based on a certain point you should enter data in the search fields:



ENTSOG TP provides direct access to the data published for the point in quest through the Bar chart symbol or Access data page button

By clicking on the Balloon sign from the Point name field the TP will show the point on the map.

If you are a Registered TP user logged in to your user profile, by clicking on the Star symbol next to the name of the point, you can add it in the list of your favourite objects.

The columns FROM IDENTIFIER and TO IDENTIFIER also contain a Bar chart symbol.
Clicking on the symbol in the FROM IDENTIFIER column will only display the data in the left part of the Advanced Search, i.e. all the exits. Clicking on this symbol in the TO IDENTIFIER column will only display the data in the right part of the Advanced Search, i.e. all the entries.

In the Advanced Search, filter on “From CC”: DE and “To CC”: FR. You can see that there are two rows - two exits from Germany, entering into a single entry point with a single identifier in France.

> Clicking on Access data

button, loads the data for both exit TSOs (Open Grid Europe, GRTgaz Deutschland) and entry TSO (GRTgaz);

- Clicking on the FROM IDENTIFIER column, loads only the exit data from Open Grid Europe and GRTgaz Deutschland;
- Clicking on the TO IDENTIFIER column, loads only the entry data of GRTgaz.

6.2.2. ADVANCED SEARCH FUNCTIONALITY FOR ZONES

The tool for zones advanced search is accessible through ZONES menu -> ADVANCED SEARCH

The advanced searched options available for requesting a zone are:

- Balancing zone name;
- Country code;
- Operator name;
- Flow direction;
- Name of the adjacent system.

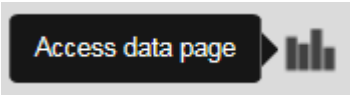
To find information based on a certain zone you should enter data in the search fields:

The ENTSOG TP provides direct access to the data published for the zone in quest through the Bar chart symbol or Access data page button

By clicking on the Balloon sign from the Zone name field the TP will show the zone on the map.

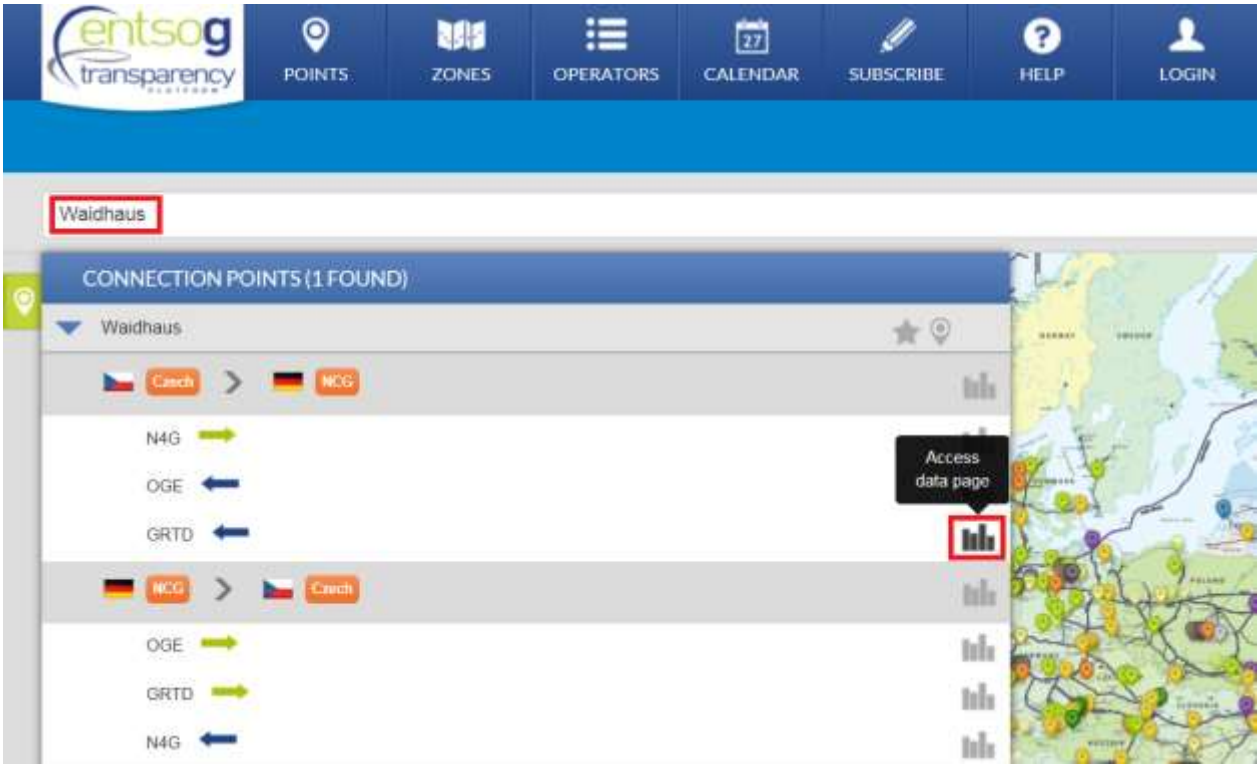
7. DATA PART

The Bar chart symbol is the shortcut to the Transparency Platform Data part, providing information on the values of the TP point and zone indicators in numerical or graphical mode.

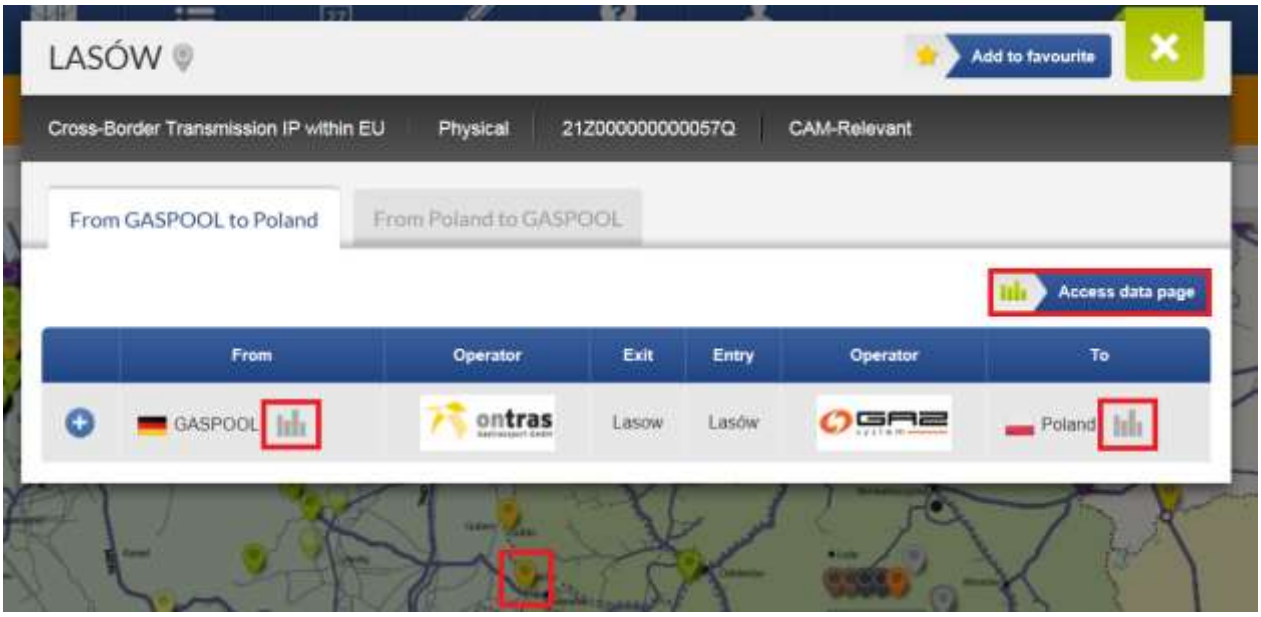


The Data part of ENTSOG Transparency Platform can be reached in several different ways.

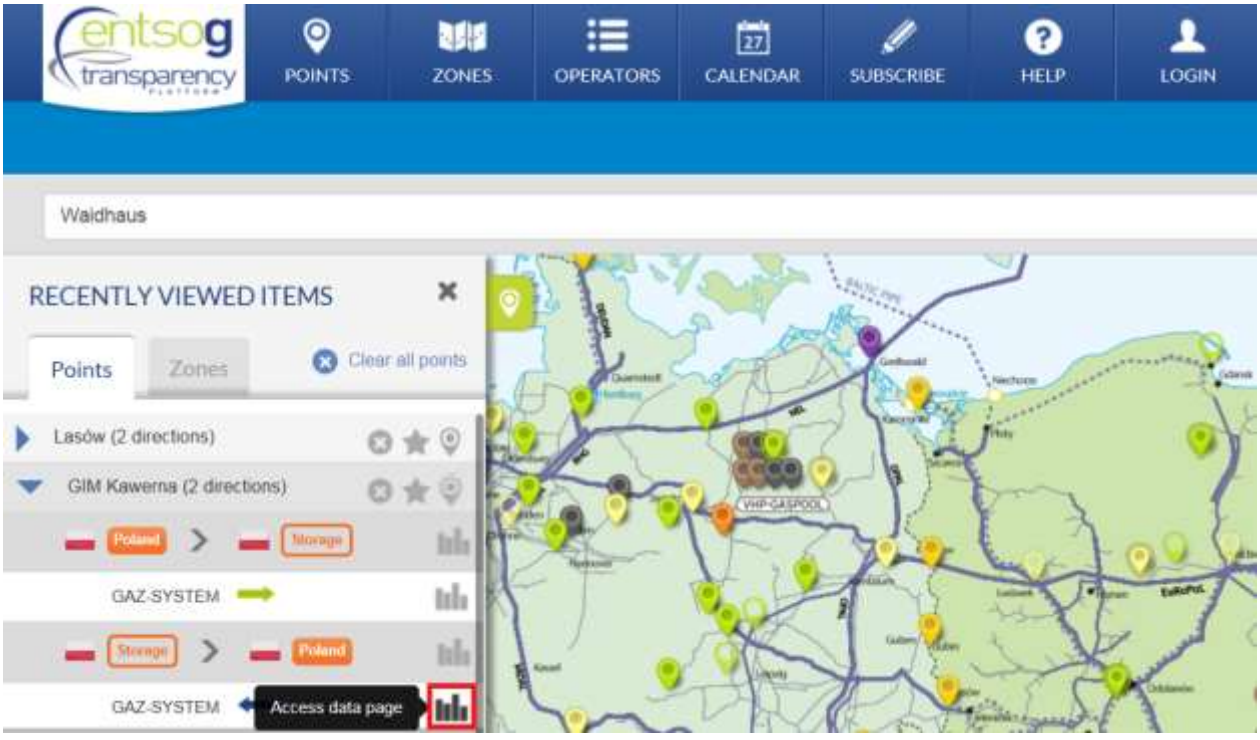
1. Through the SEARCH BAR by writing the name of the object in quest and clicking the Bar chart symbol:



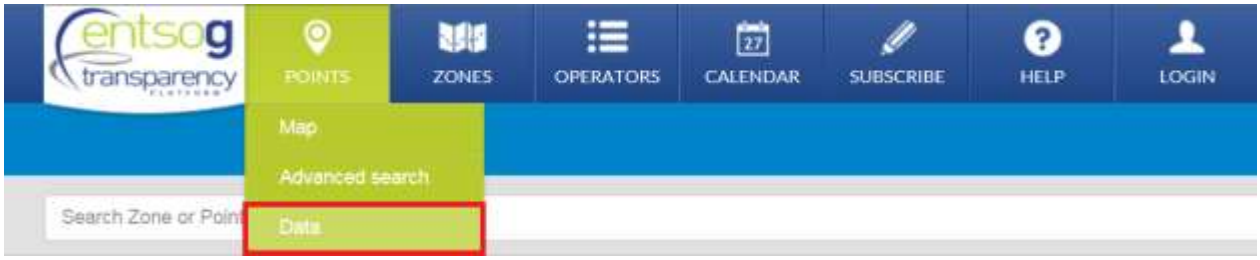
2. Through the MAP by selecting the object in quest and clicking on the Bar chart symbol in the Point or Zone pop-up window:



3. Through the left hand sidebar RECENTLY VIEWED ITEMS, by selecting the object of interest and clicking the Bar chart symbol next to its name:

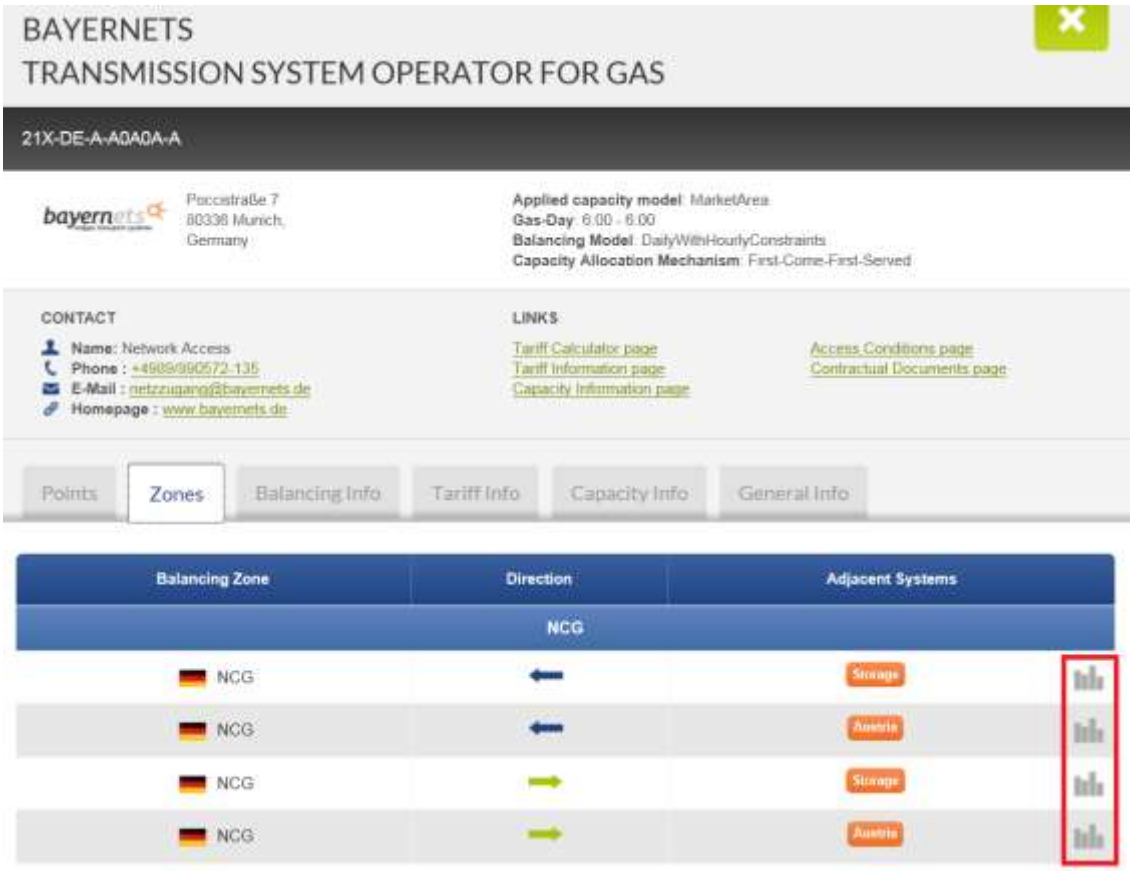


4. Through POINT menu - > DATA submenu:



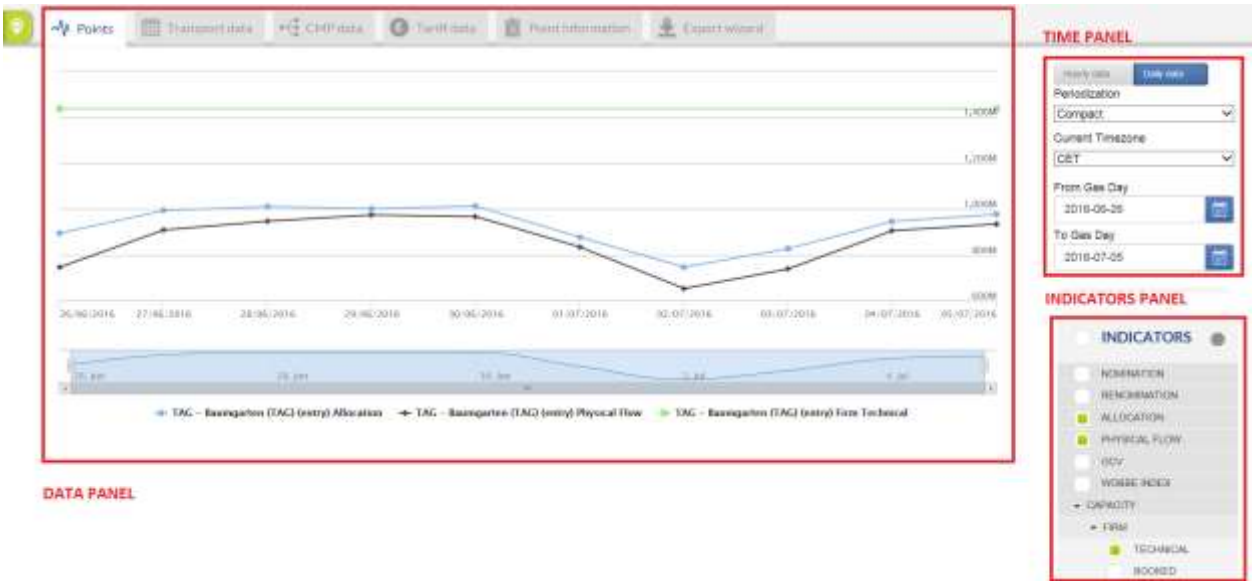
5. Through ZONE menu - > DATA submenu:

6. Through OPERATORS menu - > TSO NAME Tab - > Zones:

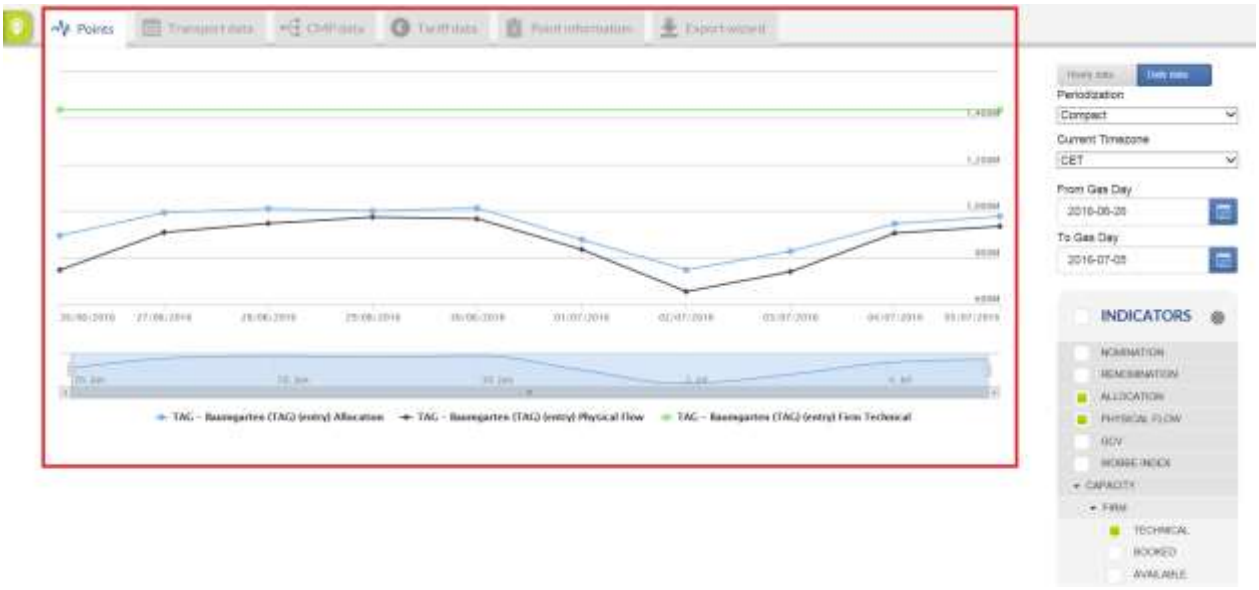


The DATA PART of ENTSOG Transparency Platform consists of the three panels:

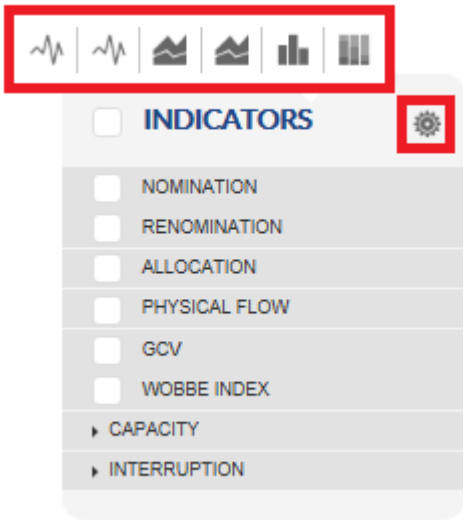
- **DATA PANEL**
- **TIME PANEL**
- **INDICATORS PANEL**



7.1. DATA PANEL

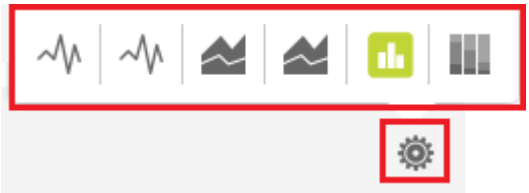


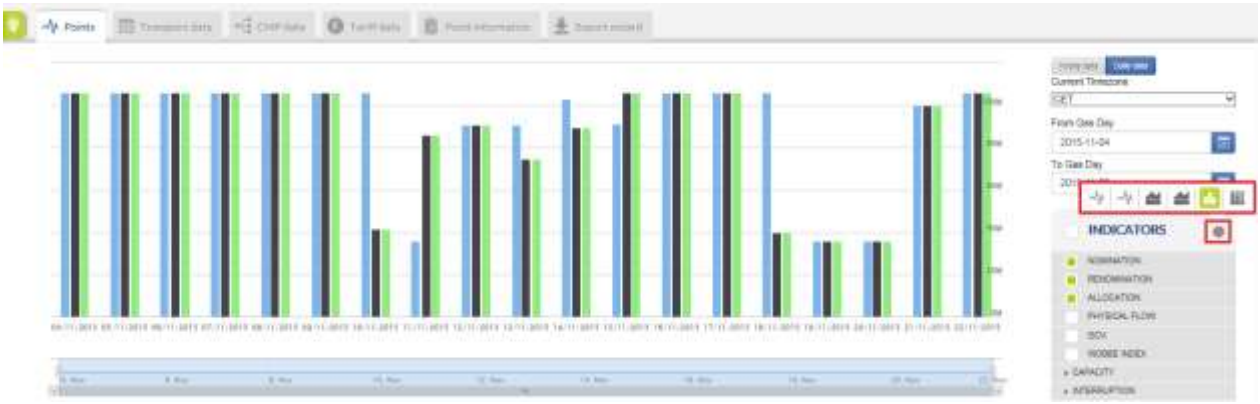
The type of the graph for visualisation in the Data panel can be changed through a menu accessible through the Gear-wheel symbol in the Indicator panel:



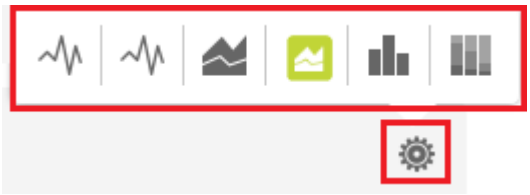
Examples of different graph visualisations:

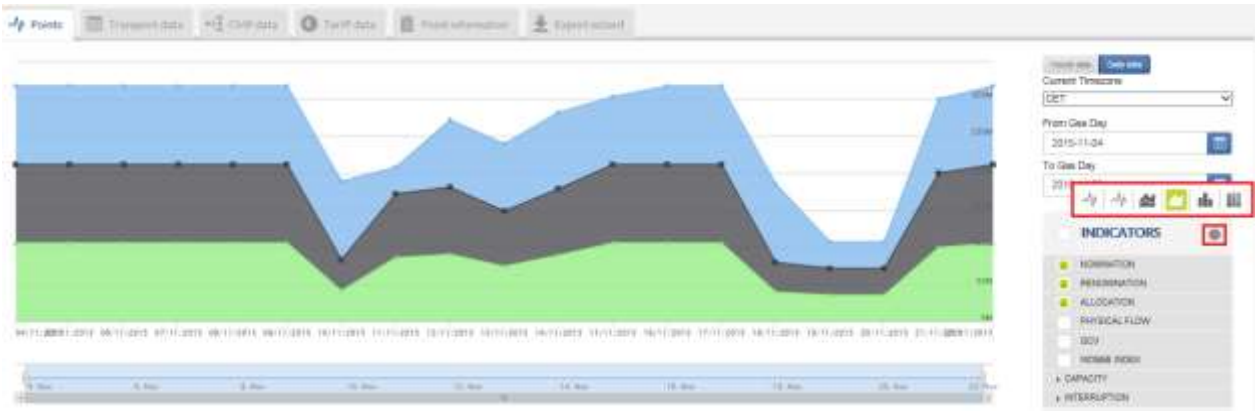
Bar chart



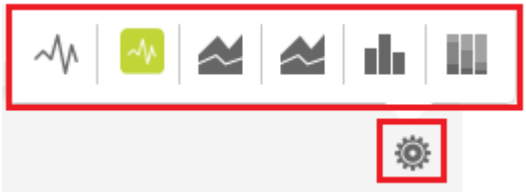


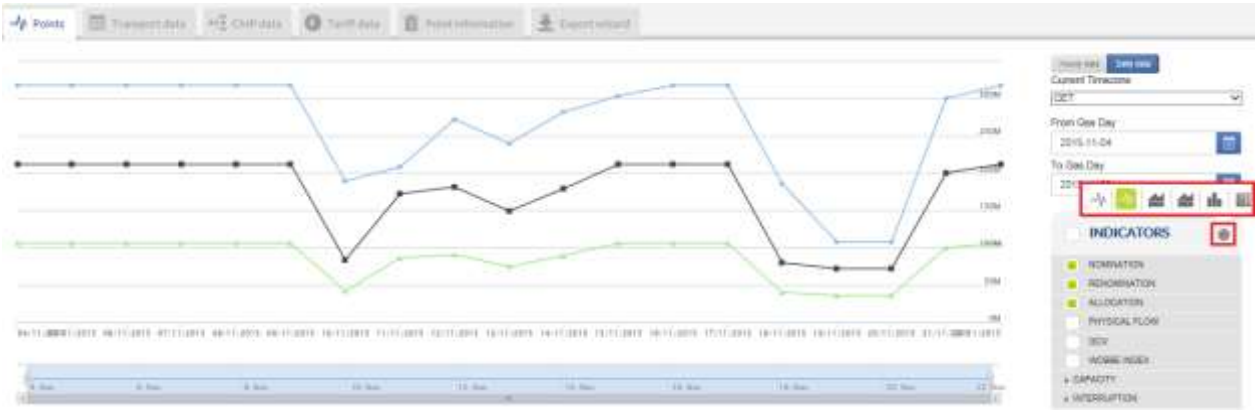
Stacked Area chart





Stacked Line graph

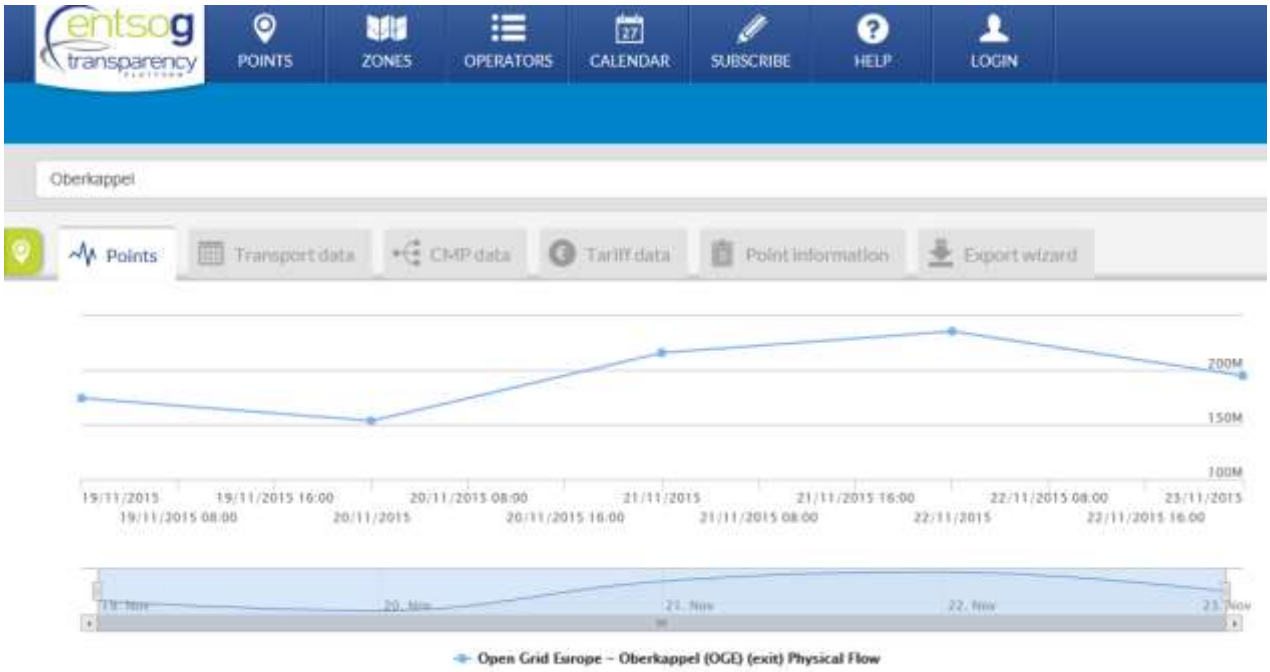




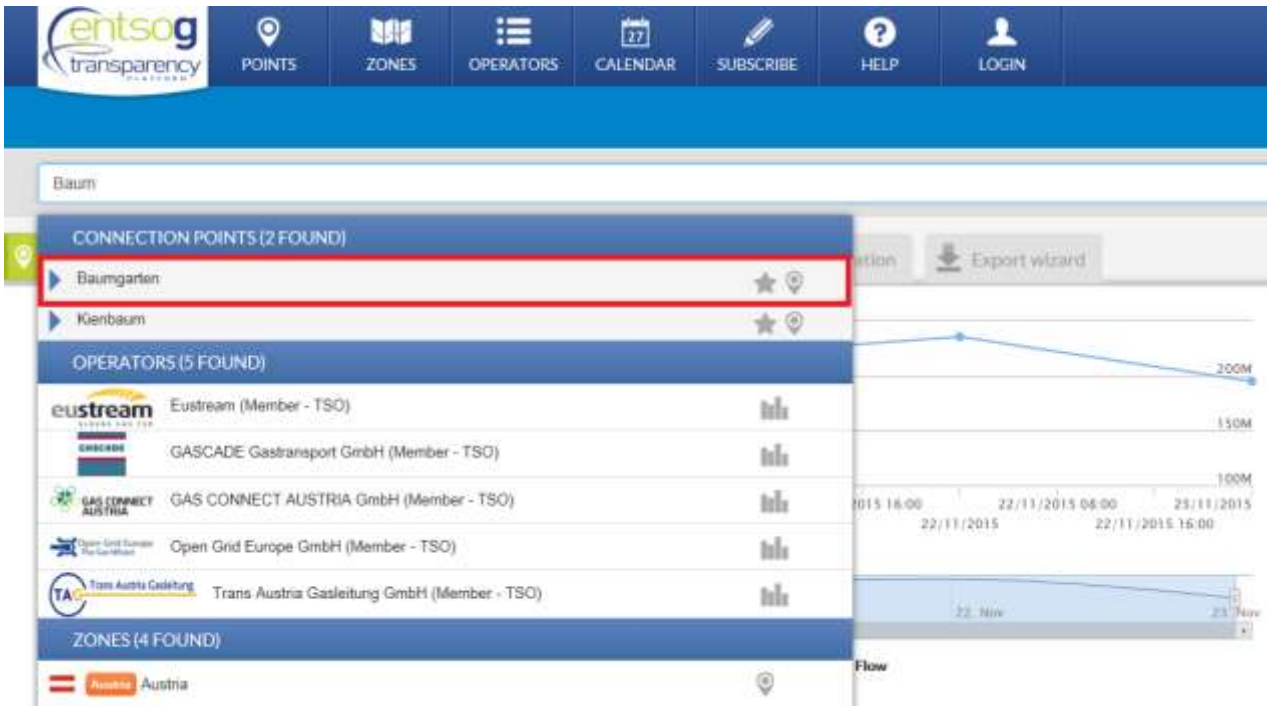
How to show information for more than one point simultaneously?

In case that you are exploring the data for one point and would like to add and display information for additional point(s) the easiest way is to use the Search bar.

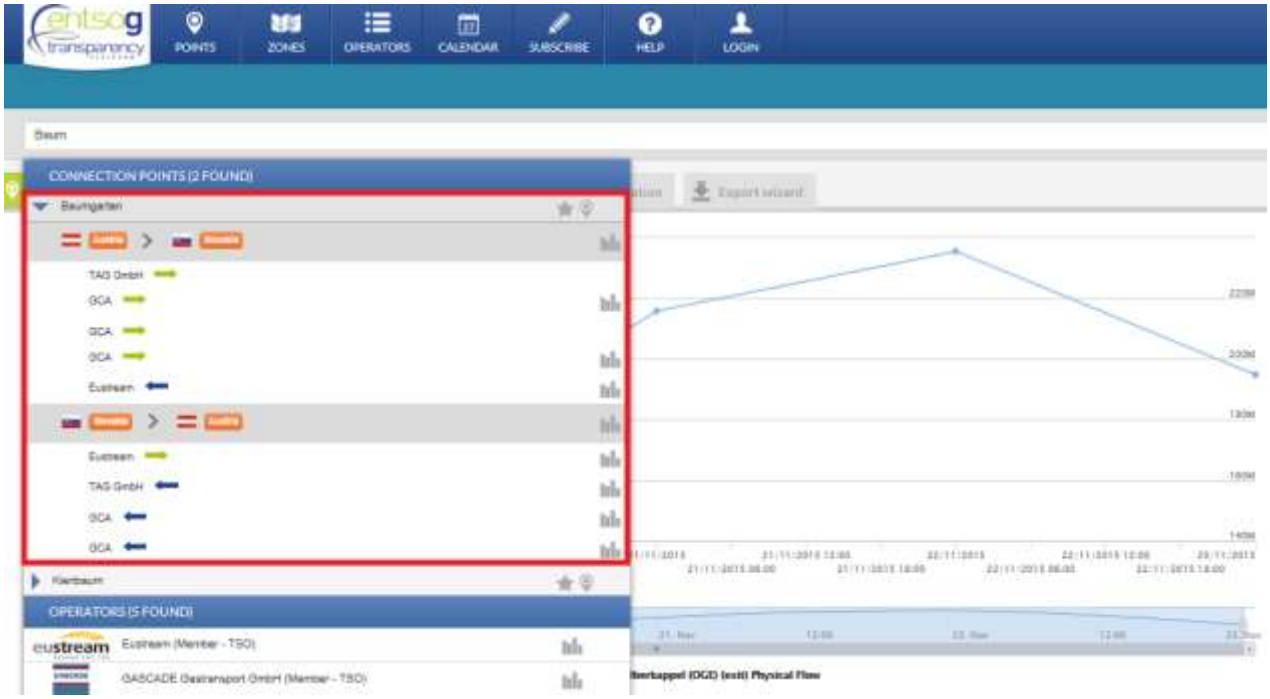
1. Starting position - You are displaying the data for one point:



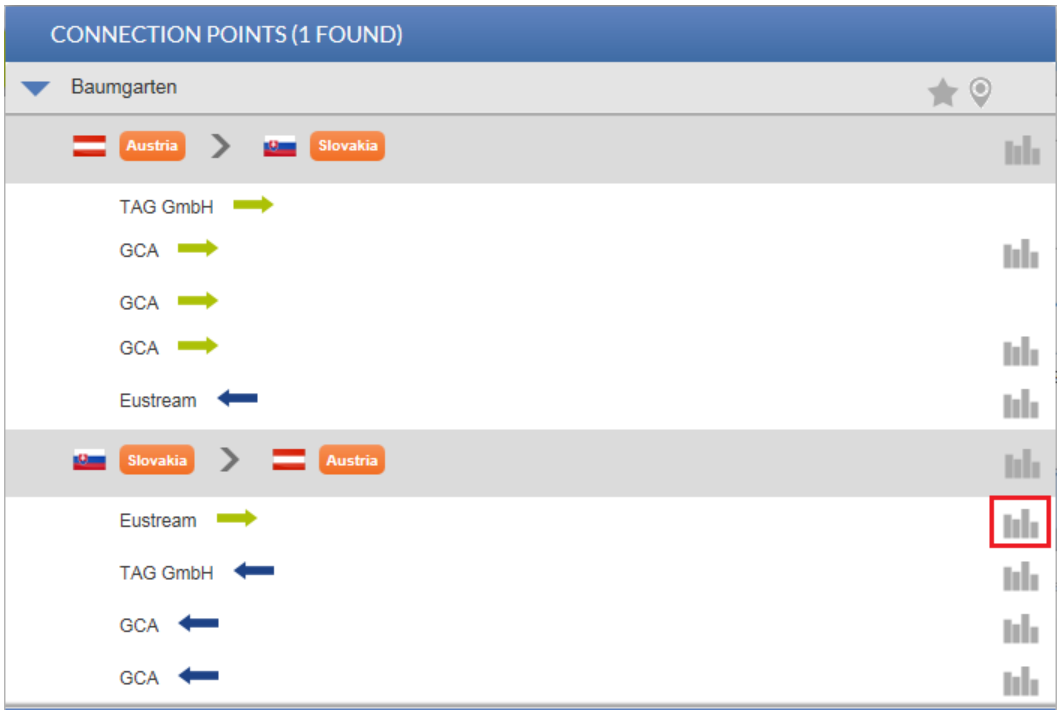
2. Next step – Type the name of the new point of interest in the Search bar.
   During the typing process a drop-down menu with list of the objects whose names match to the typed name appears below the Search bar.



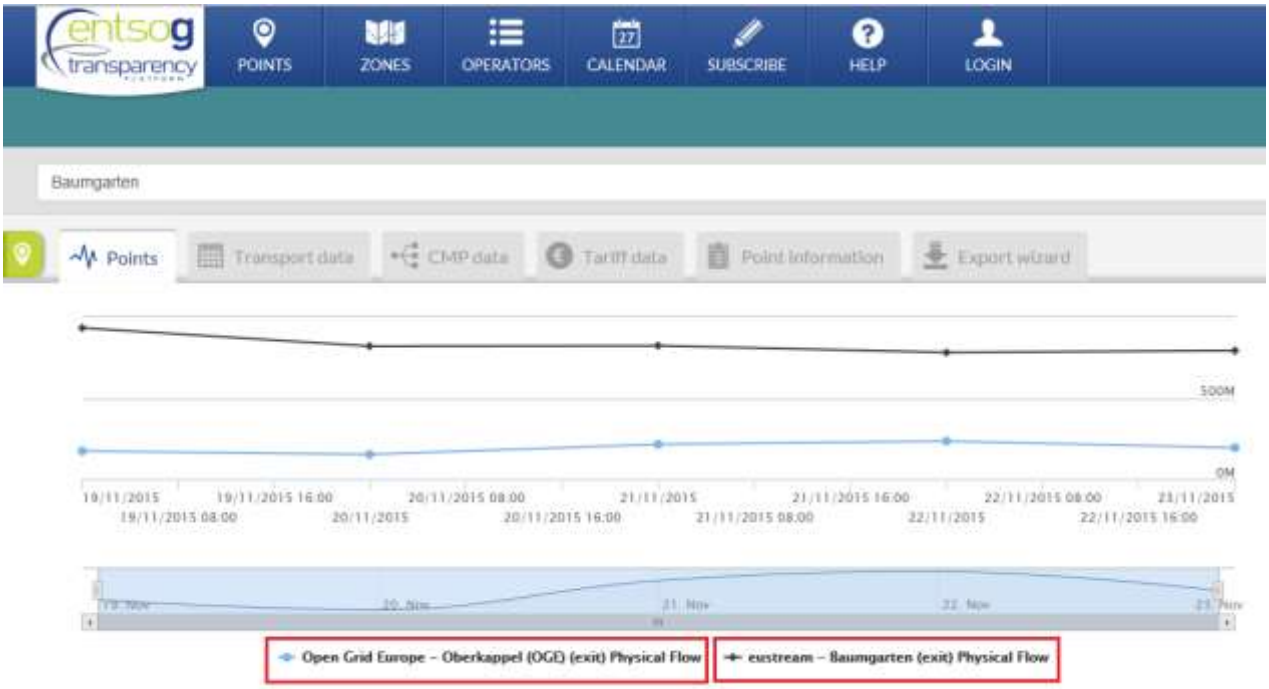
3. Select the searched point by clicking on its name.
   This will unfold additional selection options for this point – point direction, operator publishing the data.



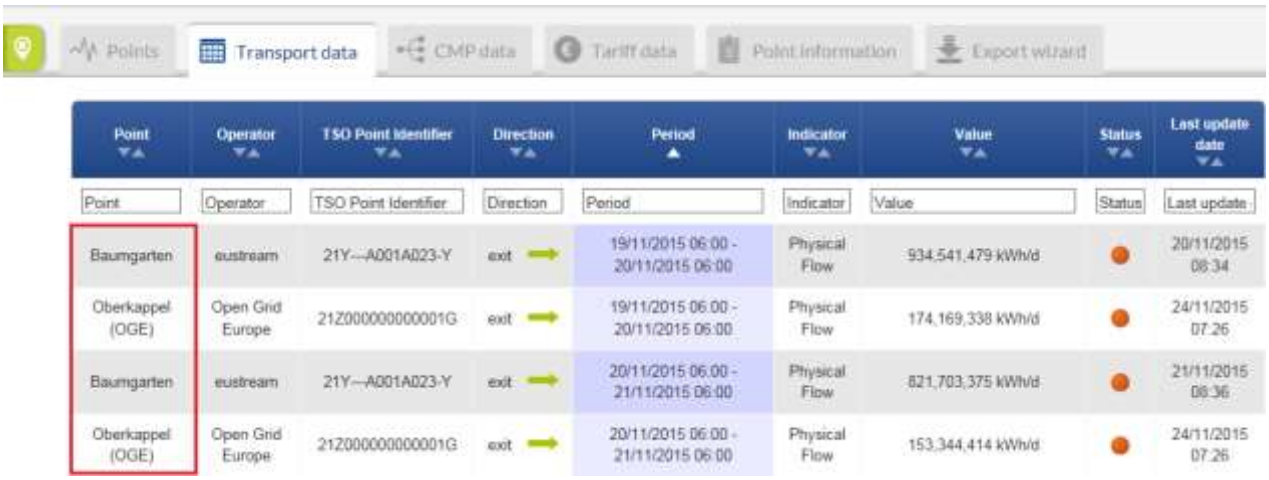
4. Select the point direction and the source of the information and click on the respective Bar chart symbol.



The information for each point is displayed in different colour.
The names of the points and their colour codes are shown in a legend below the graph pane.



The same information is presented at the same time in a numerical way in the Transport data tab.

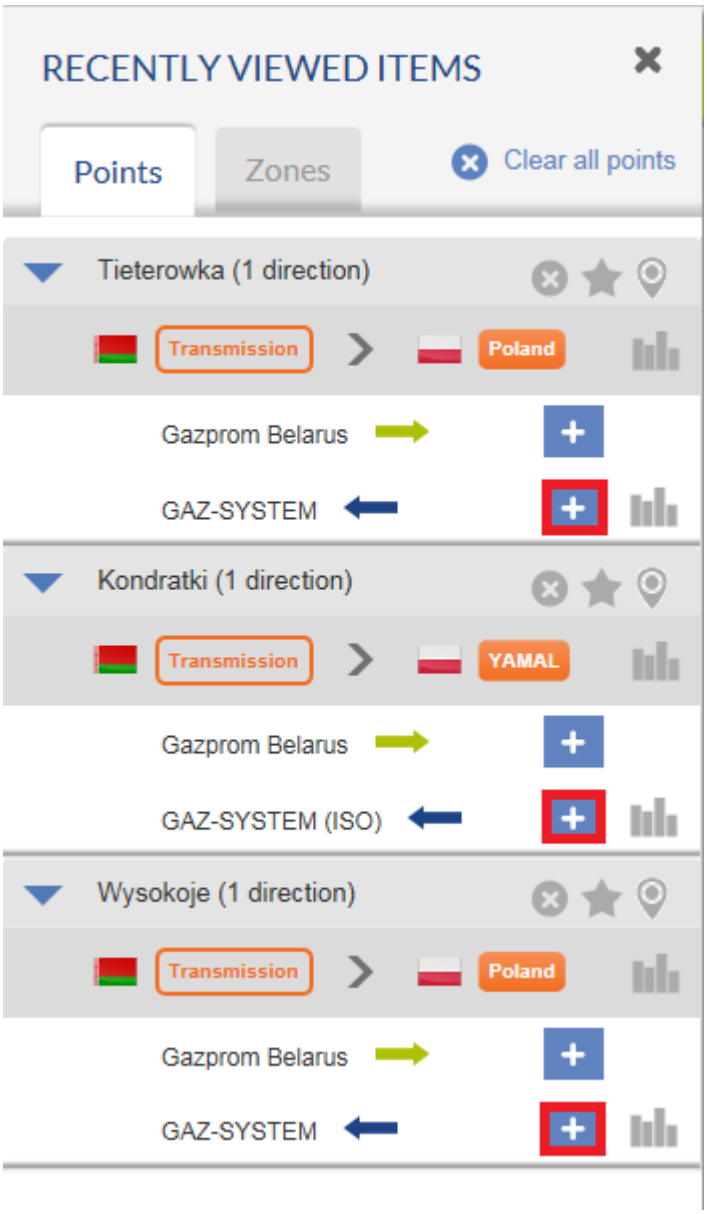


Point	Operator	TSO Point Identifier	Direction	Period	Indicator	Value	Status	Last update date
Baumgarten	eustream	21Y----A001A023-Y	exit	19/11/2015 06:00 - 20/11/2015 06:00	Physical Flow	934,541,479 kWh/d		20/11/2015 08:34
Oberkappel (OGE)	Open Grid Europe	21Z000000000001G	exit	19/11/2015 06:00 - 20/11/2015 06:00	Physical Flow	174,169,338 kWh/d		24/11/2015 07:26
Baumgarten	eustream	21Y----A001A023-Y	exit	20/11/2015 06:00 - 21/11/2015 06:00	Physical Flow	821,703,375 kWh/d		21/11/2015 08:36
Oberkappel (OGE)	Open Grid Europe	21Z000000000001G	exit	20/11/2015 06:00 - 21/11/2015 06:00	Physical Flow	153,344,414 kWh/d		24/11/2015 07:26

Another possibility to show information for more than one point simultaneously, is to use the Recently Viewed Items sidebar. This option would work if the points of interest were explored by the user during the current working session and respectively presented in the Recently Viewed Items list.

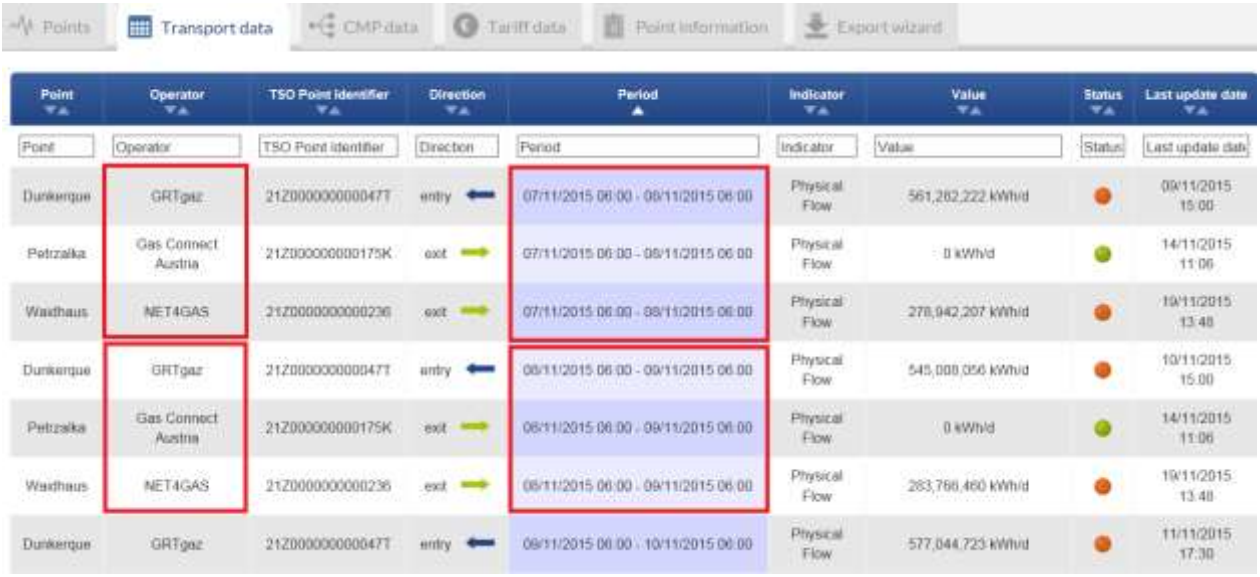
The Recently Viewed Items list contains the object recently searched or observed on the TP.

When the Recently Viewed Items list is populated with objects of interest, in order to display their data just press the Bar chart symbol at Arc or Operator level, or click on Plus + sign next to the operator name. To show data for other point(s)/direction(s), simply click on the respective Plus sign.



The information for the different points is represented by a different colour on the Data pane:

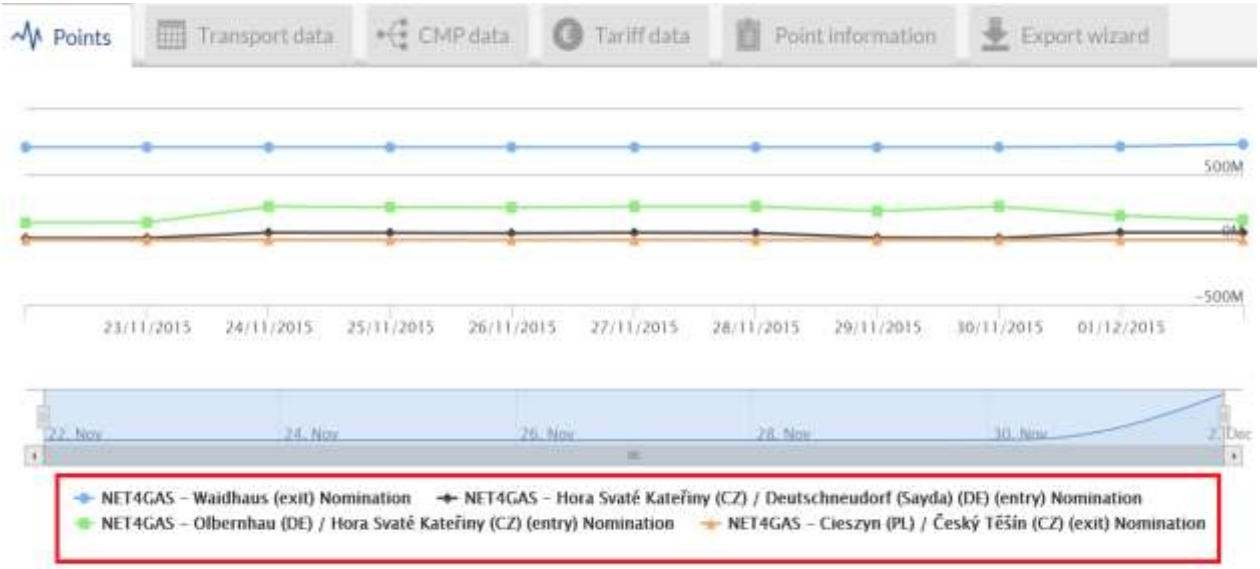
The data for the selected points is presented in the Transport data pane:



Point	Operator	TSO Point identifier	Direction	Period	Indicator	Value	Status	Last update date
Dunkerque	GRTgaz	21Z0000000000477	entry	07/11/2015 06:00 - 08/11/2015 06:00	Physical Flow	561,282,222 kWh/d		09/11/2015 15:00
Petrzalka	Gas Connect Austria	21Z000000000175K	exit	07/11/2015 06:00 - 08/11/2015 06:00	Physical Flow	0 kWh/d		14/11/2015 11:06
Waidhaus	NET4GAS	21Z0000000000236	exit	07/11/2015 06:00 - 08/11/2015 06:00	Physical Flow	278,942,207 kWh/d		10/11/2015 13:48
Dunkerque	GRTgaz	21Z0000000000477	entry	08/11/2015 06:00 - 09/11/2015 06:00	Physical Flow	545,088,056 kWh/d		10/11/2015 15:00
Petrzalka	Gas Connect Austria	21Z000000000175K	exit	08/11/2015 06:00 - 09/11/2015 06:00	Physical Flow	0 kWh/d		14/11/2015 11:06
Waidhaus	NET4GAS	21Z0000000000236	exit	08/11/2015 06:00 - 09/11/2015 06:00	Physical Flow	283,766,460 kWh/d		10/11/2015 13:48
Dunkerque	GRTgaz	21Z0000000000477	entry	09/11/2015 06:00 - 10/11/2015 06:00	Physical Flow	577,044,723 kWh/d		11/11/2015 17:30

Once you have displayed on the graph information for more than one point, by clicking on the name of the points in series you can hide and show the information for the point(s). For details, see the example below.

Example for visualisation of Nomination information for 4 points simultaneously. The points of interest are listed in the legend below the graph:



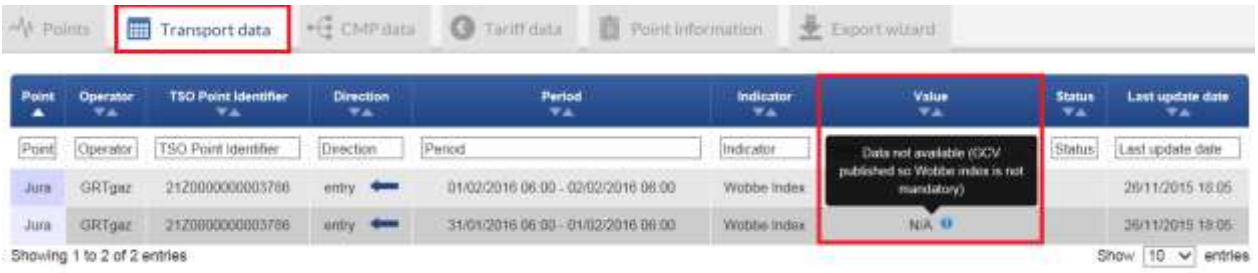
Examples of hiding the Nomination information for 2 of the points and displaying data for the remaining 2 points from the previous illustration.

The information for the points in grey are is hidden. Only the information for the points in black colour is shown.

To show the data for the hidden points, click once on the names in the grey colour.

In case that you cannot see any data on the chart of the data pane, this does not mean always that the respective TSO does not publish information. It is possible that the data publication for the selected indicators and point is not applicable.

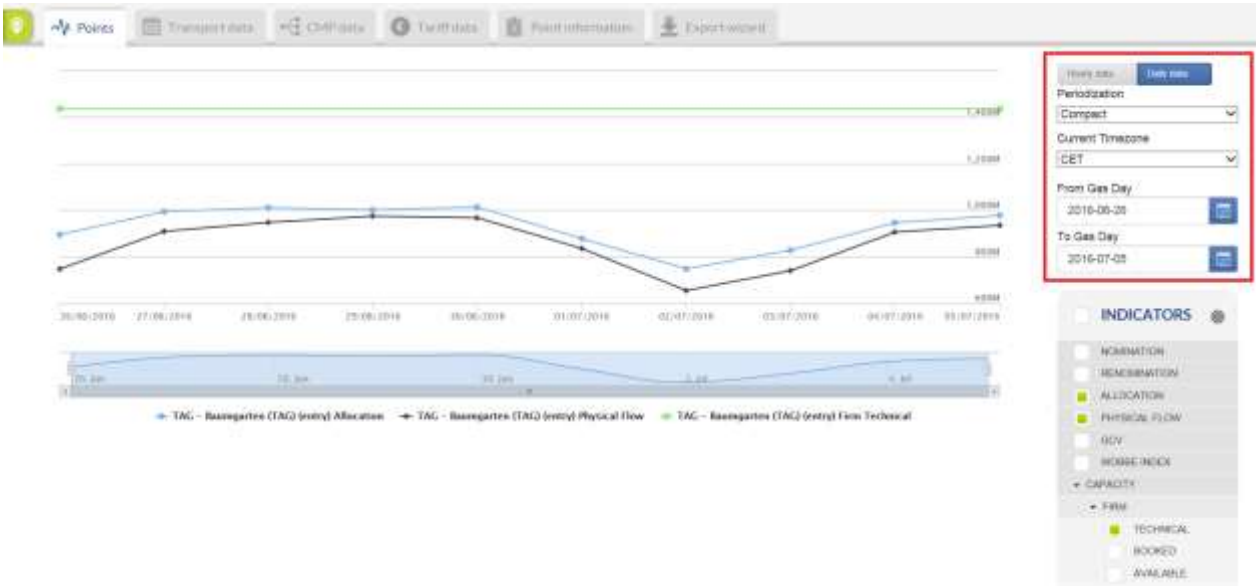
To verify whether an exemption has been configured by the TSO, please check the Transport data part.



For more details on the Not Applicable functionality and the publication exemptions, please refer to point 7.4.2.3. Data values publication exemptions.

7.2. TIME PANEL

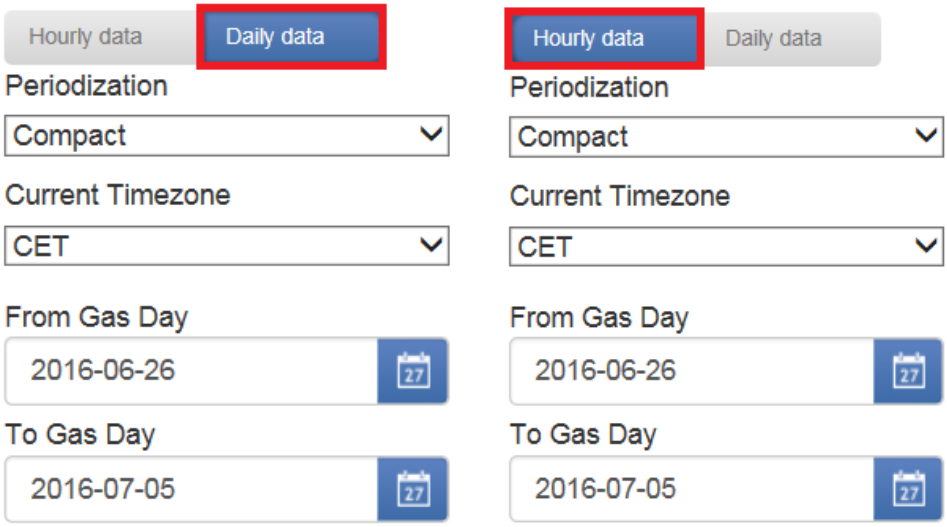
The time panel is for setting the validity period of the information in question, as well as for defining the granularity of the data to be displayed and the time zone in which the time indicators are to be shown.



7.2.1. DATA GRANULARITY CONFIGURATION

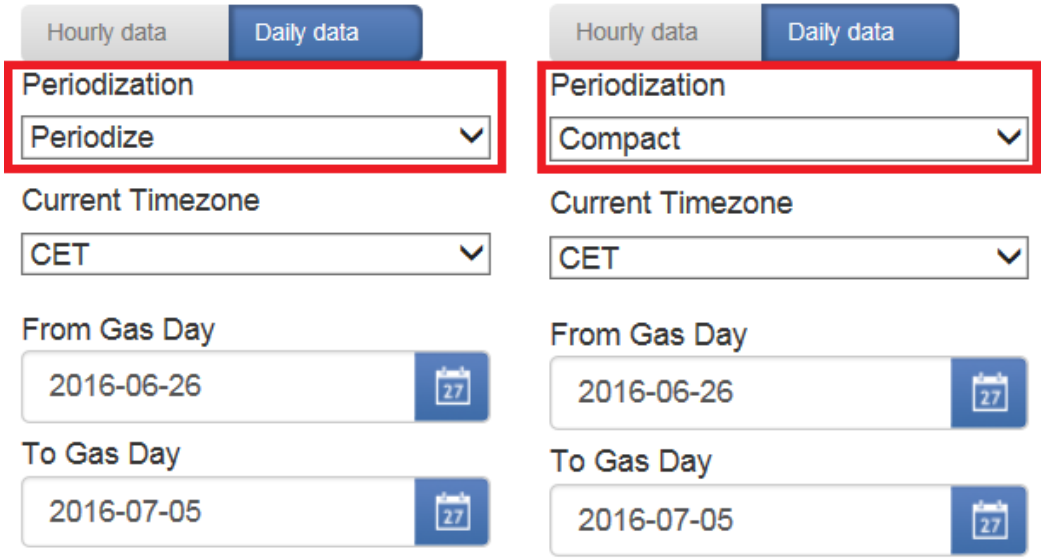
The Time panel allows the TP user to choose between daily and hourly granularity of the displayed data. The hourly data could be visualised if the respective TSO has an hourly balancing regime and publishes data on an hourly basis. The TSOs with an hourly balancing regime are publishing information with both hourly and daily granularity.

Switching between the hourly and daily publications is possible through the Daily data and Hourly data buttons. The active mode is the blue one:



Care should be taken when choosing hourly mode. You may want to first adjust the Date period selection to a few days at most. By default, the TP displays data for a full month in daily mode - this means around 30 values per point and indicator, but in hourly mode it will be 24 times this amount - around 750 values, and so - it can look like you were displaying daily data over the previous two years.
The TP can handle these volumes, but it will cause a delay in displaying the data.

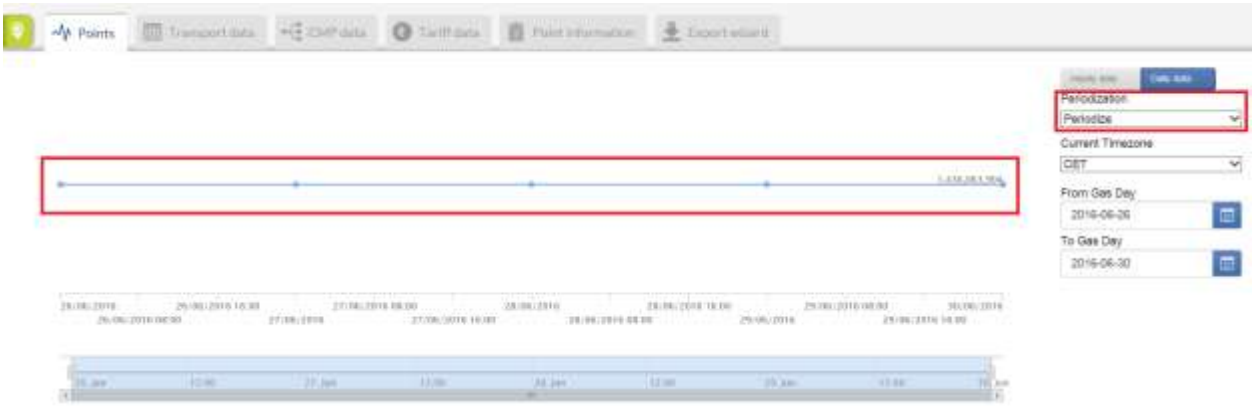
7.2.2. CAPACITY AND INTERRUPTION DATA PERIODIZATION



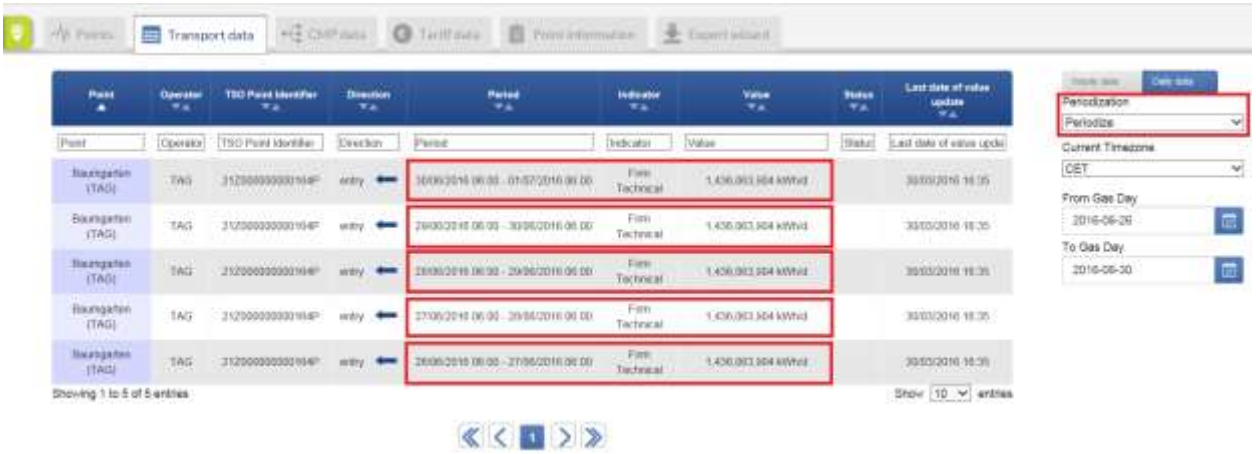
The TSOs shall published Capacity and Interruption data on the Transparency Platform for long term in advance. The Time Panel has a tool that allows TP Users to select how to visualize this information - in "Periodized" or "Compact" manner.

- Periodized manner - the values for Capacity or Interruption indicator(s) are displayed per gas day - single value for every gas day. This view is very well suited to do day-by-day or hour-by-hour comparisons of indicators, e.g. Physical flow versus Capacity.
- Compact manner - the equal values for Capacity or Interruption indicator(s) are displayed per time period for which the figures do not vary. This view is recommended when looking at very large time intervals (ten or twenty years), or if your goal is to spot the variations in value for Capacity or Interruption data.

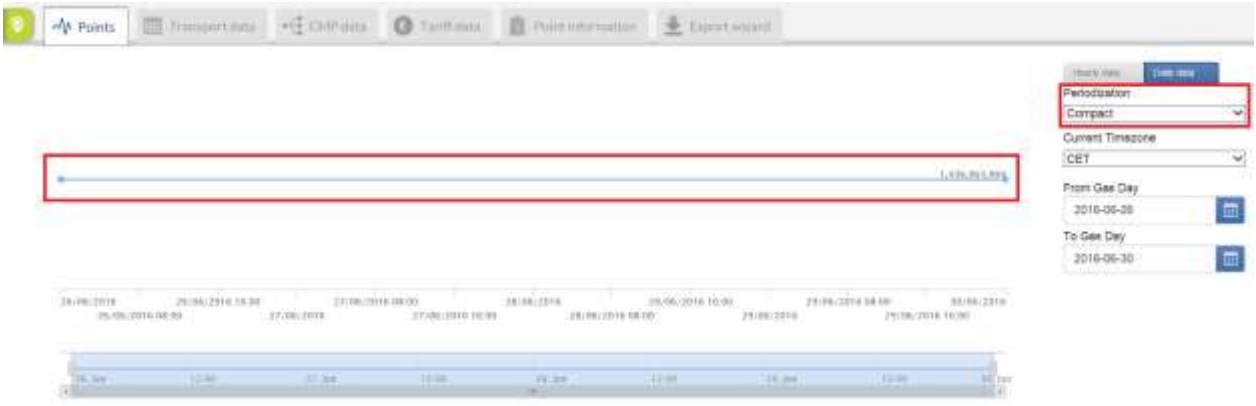
Periodized manner of data visualization on the chart:



Periodized manner of visualization of transport data:



Compact manner of data visualization on the chart:



Compact manner of visualization of transport data:

The user selection for visualization of the Capacity and Interruption data in “Periodized” or “Compact” manner is applied in the export result from the TP Export Tool.

If a TP user displays the indicators values in “Periodized” manner and after that run an export query, the Capacity and Interruption data in the exported report will be presented in “Periodized” manner, as well.

F14

	A	B	C	D	E	F	H	I
1	id	dataSet	indicator	periodTyp	periodFrom	periodTo	unit	value
2	1Firm Technicalda	1	Firm Technical	day	2016-06-26 06:00	2016-06-27 06:00	kWh/d	1436063904
3	1Firm Technicalda	1	Firm Technical	day	2016-06-27 06:00	2016-06-28 06:00	kWh/d	1436063904
4	1Firm Technicalda	1	Firm Technical	day	2016-06-28 06:00	2016-06-29 06:00	kWh/d	1436063904
5	1Firm Technicalda	1	Firm Technical	day	2016-06-29 06:00	2016-06-30 06:00	kWh/d	1436063904
6	1Firm Technicalda	1	Firm Technical	day	2016-06-30 06:00	2016-07-01 06:00	kWh/d	1436063904
7								

If a TP user displays the indicators values in “Compact” manner and after that run an export query, the Capacity and Interruption data will be presented in the exported report in “Compact” manner, respectively.

AI15

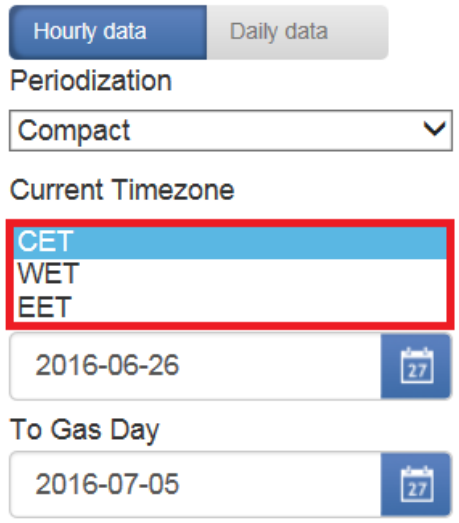
	A	B	C	D	E	F	N	Q	AD
1	id	dataSet	indicator	periodType	periodFrom	periodTo	unit	value	
2	1Firm Technicalday	1	Firm Technical	day	2016-06-26 06:00	2016-06-30 06:00	kWh/d	1436063904	
3									
4									

Choosing the Periodization option will respectively limit the amount of data that you can download, as it increases exponentially the quantity of the values returned by the Platform. This is particularly the case for the Capacity and Interruption indicators - typically the Technical Capacity may not change or would change rarely during an year, and so - in “Compact” mode you will get only one value, when in “Periodized” mode the Platform will return 365 daily values or 8760 values on hourly basis.

For these reasons, the “Periodized” manner of visualization and export is best suited when looking at specific IPs or for data for short time periods. The “Compact” option is more appropriate if your goal is to get as much data as possible.

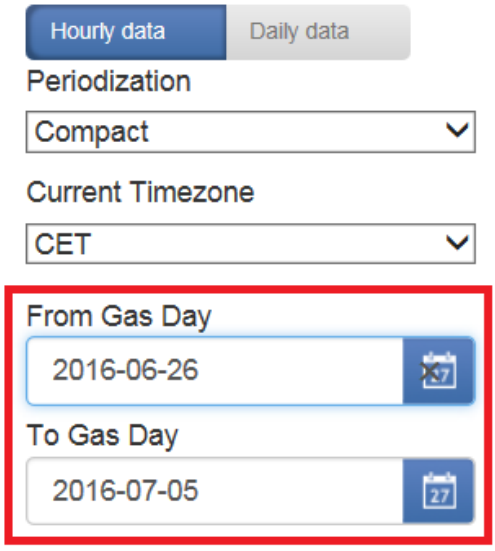
7.2.3. TIME ZONE SETTINGS

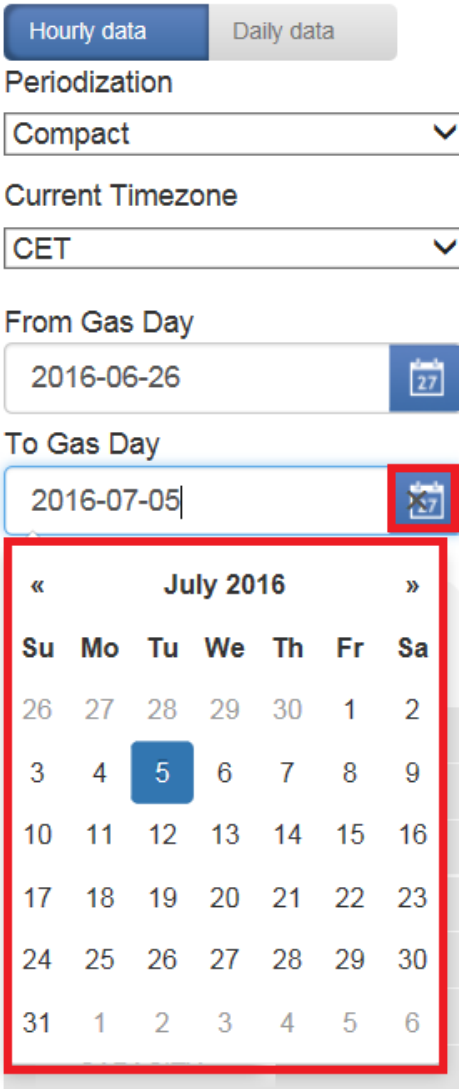
The Time zone of the displayed information can be changed through a drop-down menu:



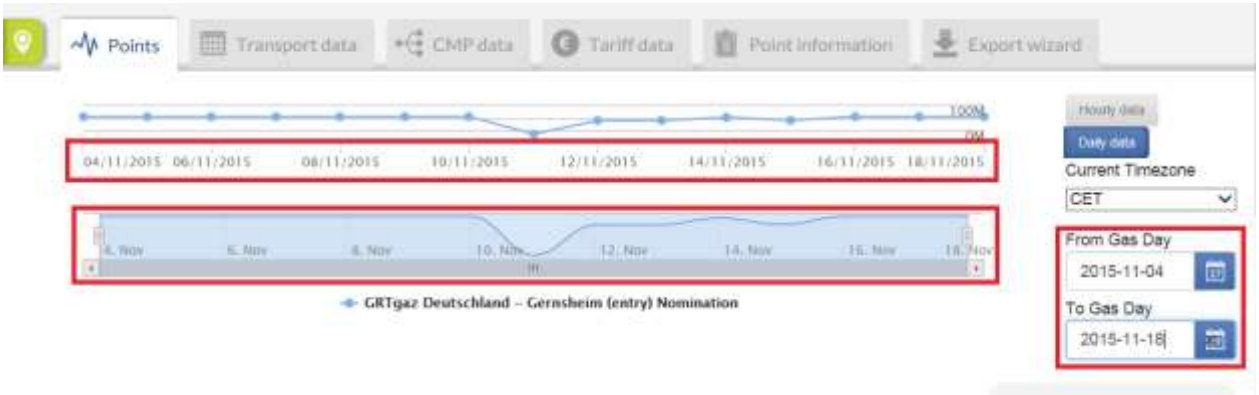
7.2.4. DEFINING THE PERIOD IN QUESTION

The period for which the information is displayed can be defined through the Time panel - From Gas day – To Gas day calendar functions:





The selected period through the calendar is shown on the horizontal axis of the graph and on the slide bar below the graph chart area.



The TP user can narrow the period previously defined through the calendar and zoom in the displayed graph by using the slide bar.

If you press and hold the primary mouse button on the narrowed slot, you can slide it over the predefined through the calendar period.

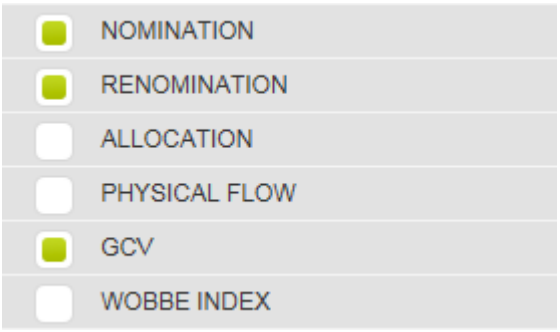
7.3. INDICATORS PANEL

7.3.1. POINT INDICATORS

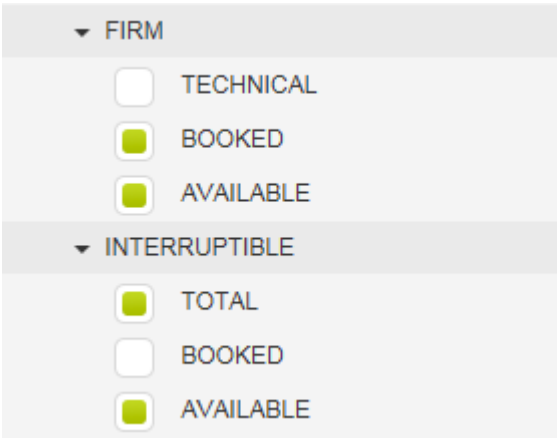
The Indicators panel allows TP users to select the point parameters for which information will be displayed.

Through the Indicators panel the users can activate or deactivate the data visualisation for 30 indicators set in 3 groups:

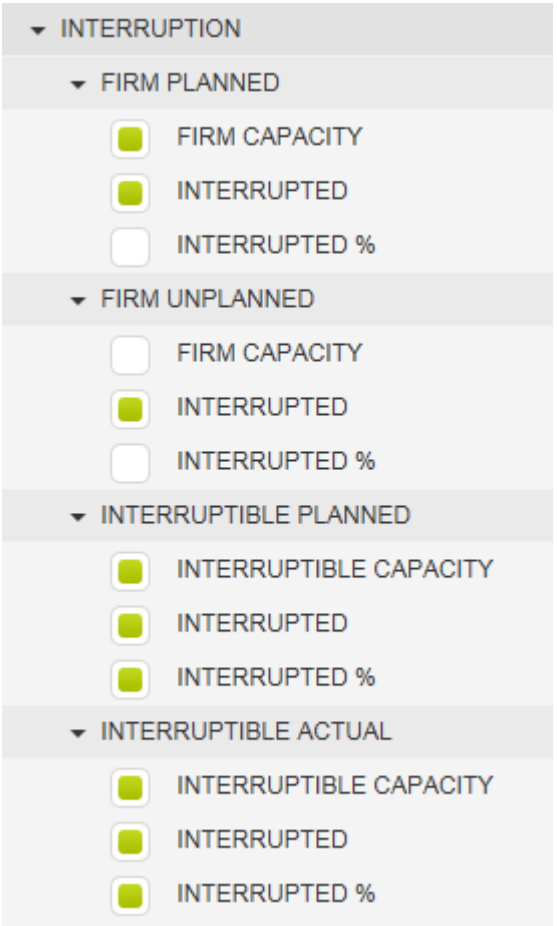
7.3.1.1. OPERATIONAL/TRANSPORT INDICATORS



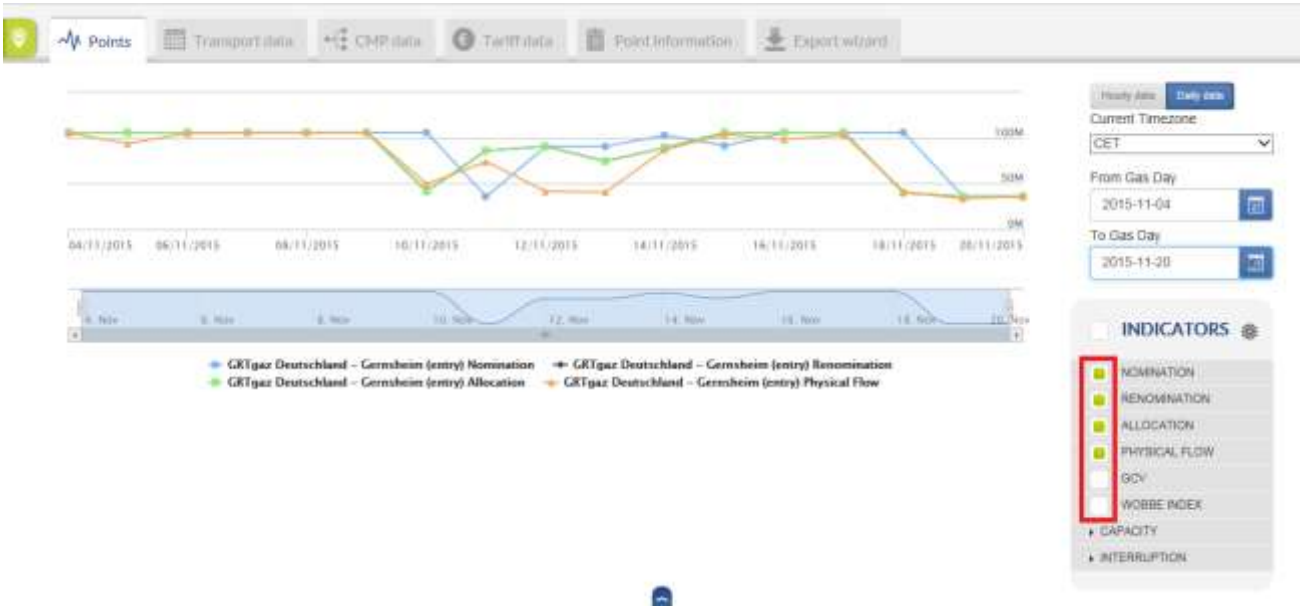
7.3.2. CAPACITY INDICATORS



7.3.3. INTERRUPTION INDICATORS



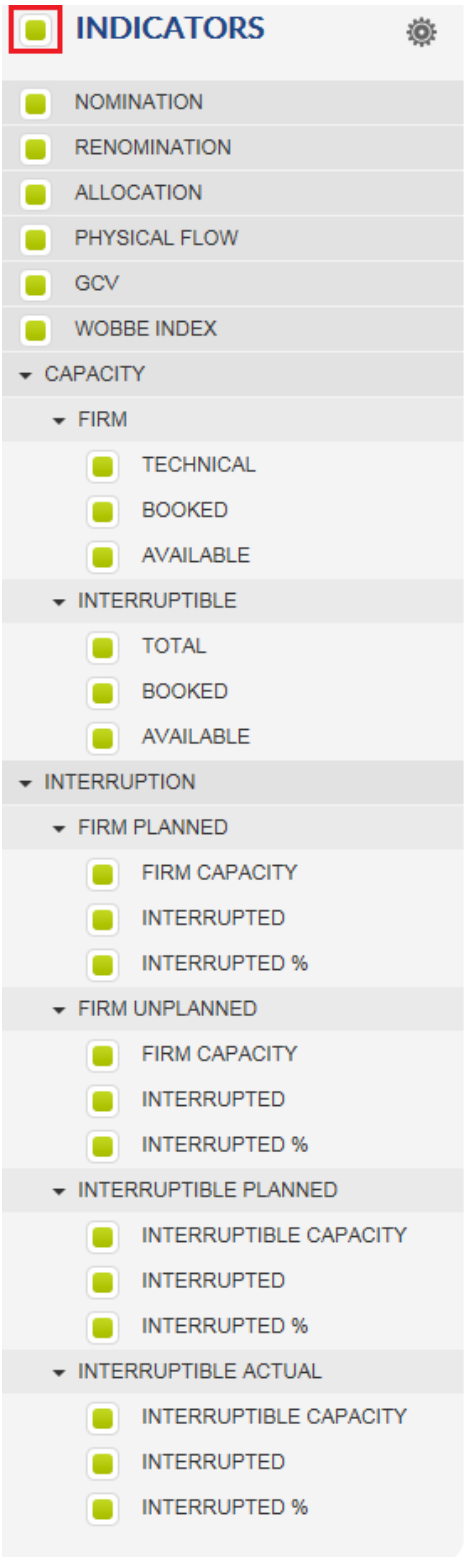
To display information about more indicators simultaneously, simply select them by clicking the white box next to the parameter name. The box next to an indicator name become green when selected.



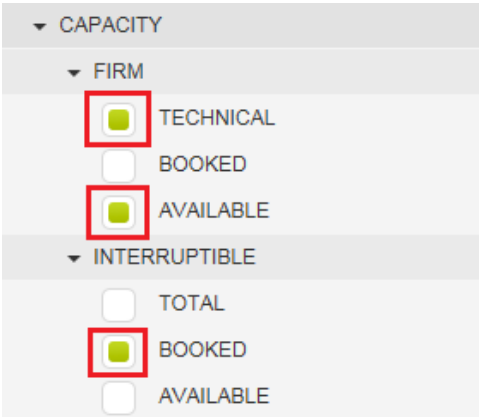
It is possible to display data for all indicators at once by selecting/deselecting the

box next to the title of the Indicators panel.

To activate and display information for all TP indicators, press the box next to INDICATORS title of the panel.



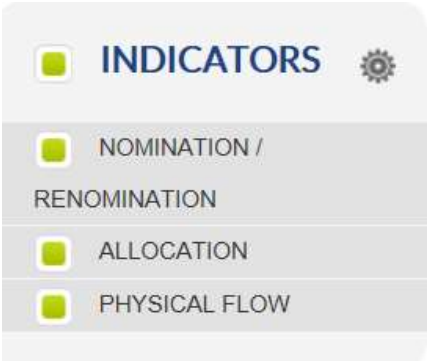
If you want to activate/deactivate the information for a particular indicator, just mark/unmark the box next to the indicator name.



The information about each indicator is displayed in a different colour on the graph chart.
The correspondence between the colour code and the indicator is shown below the Data panel where the name(s) of the point(s), point direction(s) and indicator for which information is displayed are listed:

7.3.4. ZONE INDICATORS

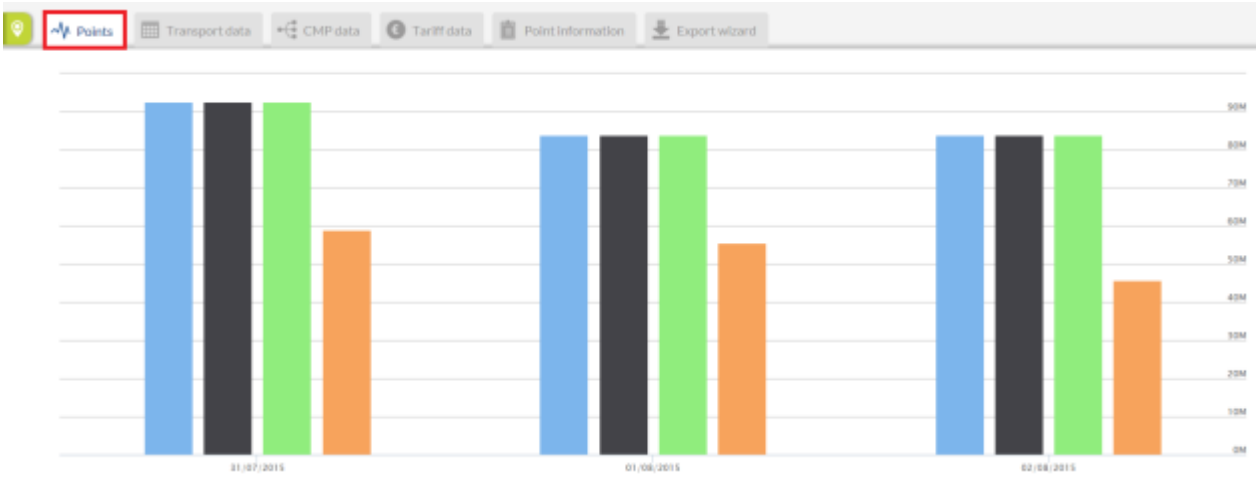
The indicators for which information could be displayed for the Balancing Zones defined on ENTSOG TP are Physical flow, Allocation and Nomination/Renomination data.



7.4. POINTS DATA PANEL TABS

7.4.1. POINTS TAB

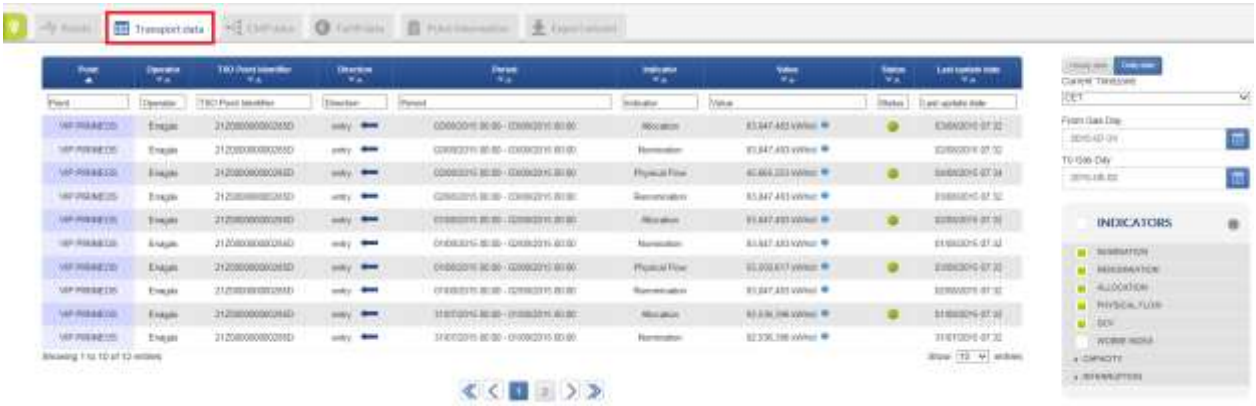
In the Points tab, information about the selected point(s) and indicator(s) is presented in graphical way:

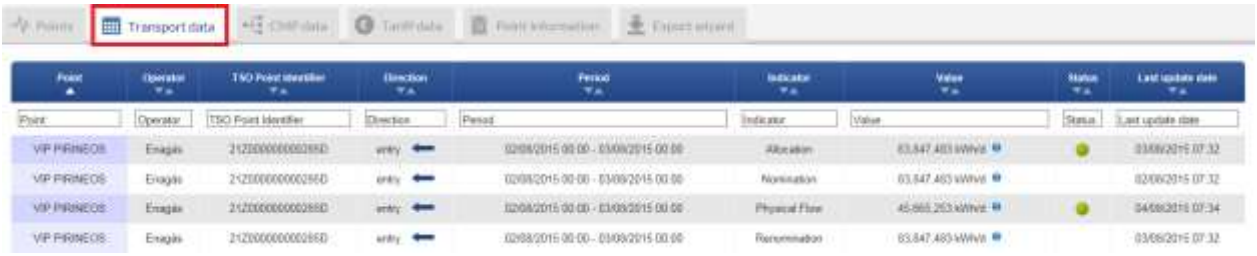


The list of the points, including point directions and operator, as well as the indicator for which the data is displayed on the graph, are listed in a legend below the data panel:

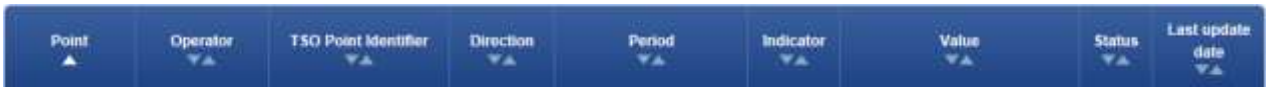
7.4.2. TRANSPORT DATA TAB

In the Transport data tab, the information about the selected point(s) and indicator(s) is presented in a numerical way:





The information presented on Transport data panel can be sorted based on one or several parameters simultaneously:



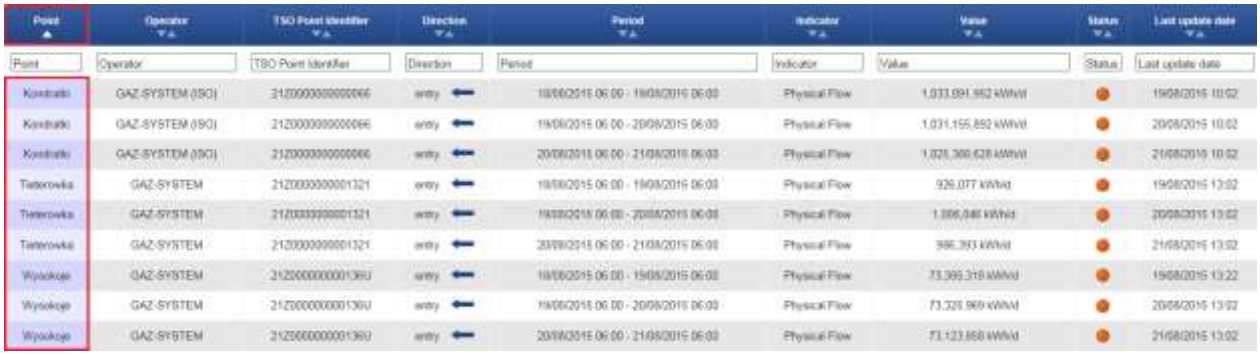
The sorting could be done based on:

- Point name;
- Operator name;
- Point EIC;
- Point direction;
- Concerned period;
- Indicator;
- Value;
- Update date.

To sort the data based on one parameter, simply press on the name of the parameter on the Parameter bar.

In this example, the data is sorted based on its validity period:

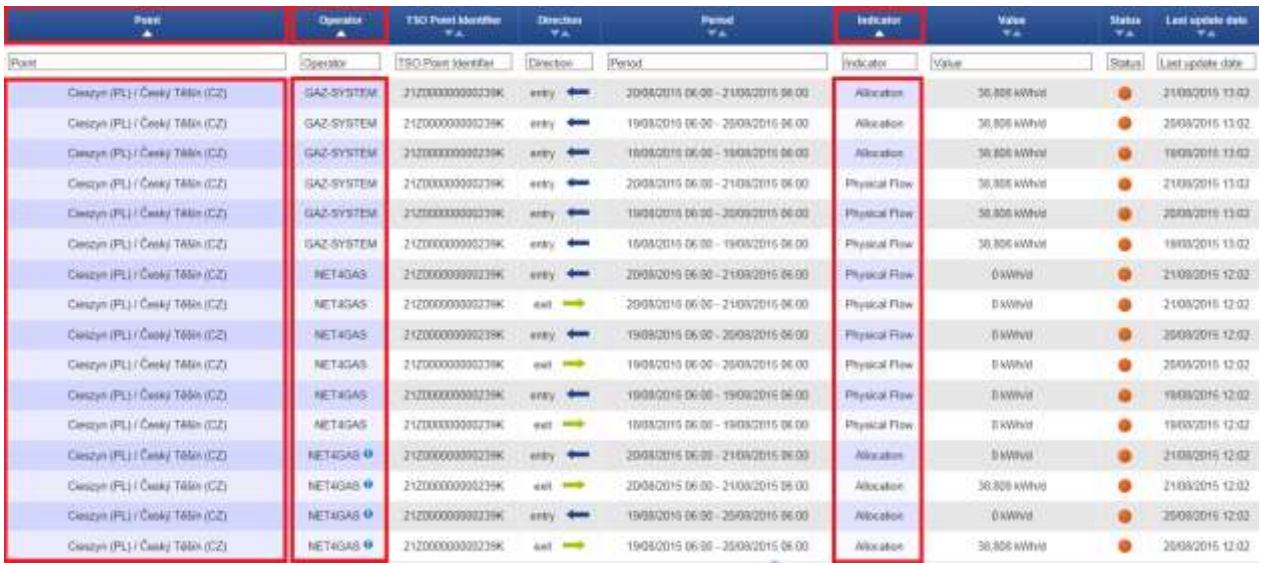
In this example, the data is sorted based on the point name:



To sort the data based on two or several parameters simultaneously, press and hold the SHIFT key of the keyboard and select the parameters for sorting.

In the following example, the data is sorted based on point name, point direction and validity period of the data:

In the next example, the data is sorted based on point name, operator name and indicator:



The information presented on the Transport data panel can be filtered based on one or several parameters, by using the fields dedicated for this purpose.

Unfiltered information:

Point	Operator	TSO Point Identifier	Direction	Period	Indicator	Value	Status	Last update date
Point	Operator	TSO Point Identifier		Period	Indicator	Value	Statu	Last update d
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	18/11/2015 06:00 - 19/11/2015 06:00	Physical Flow	40,865,827 kWh/d		19/11/2015 11:02
Gernsheim	GRTgaz Deutschland	37Z000000006481P	exit	18/11/2015 06:00 - 19/11/2015 06:00	Physical Flow	0 kWh/d		19/11/2015 11:02
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	17/11/2015 06:00 - 18/11/2015 06:00	Physical Flow	103,482,459 kWh/d		18/11/2015 11:02
Gernsheim	GRTgaz Deutschland	37Z000000006481P	exit	17/11/2015 06:00 - 18/11/2015 06:00	Physical Flow	0 kWh/d		18/11/2015 11:02
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	16/11/2015 06:00 - 17/11/2015 06:00	Physical Flow	98,082,692 kWh/d		18/11/2015 12:20
Gernsheim	GRTgaz Deutschland	37Z000000006481P	exit	16/11/2015 06:00 - 17/11/2015 06:00	Physical Flow	0 kWh/d		18/11/2015 12:20
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	15/11/2015 06:00 - 16/11/2015 06:00	Physical Flow	103,861,746 kWh/d		18/11/2015 12:20

Information filtered based on the direction parameter – data is displayed only for the entry point direction:

Point	Operator	TSO Point Identifier	Direction	Period	Indicator	Value	Status	Last update date
Point	Operator	TSO Point Identifier	entry	Period	Indicator	Value	Statu	Last update d
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	18/11/2015 06:00 - 19/11/2015 06:00	Physical Flow	40,865,827 kWh/d		19/11/2015 11:02
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	17/11/2015 06:00 - 18/11/2015 06:00	Physical Flow	103,482,459 kWh/d		18/11/2015 11:02
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	16/11/2015 06:00 - 17/11/2015 06:00	Physical Flow	98,082,692 kWh/d		18/11/2015 12:20
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	15/11/2015 06:00 - 16/11/2015 06:00	Physical Flow	103,861,746 kWh/d		18/11/2015 12:20
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	14/11/2015 06:00 - 15/11/2015 06:00	Physical Flow	87,153,834 kWh/d		18/11/2015 12:20
Gernsheim	GRTgaz Deutschland	37Z000000006481P	entry	13/11/2015 06:00 - 14/11/2015 06:00	Physical Flow	40,685,945 kWh/d		18/11/2015 12:20

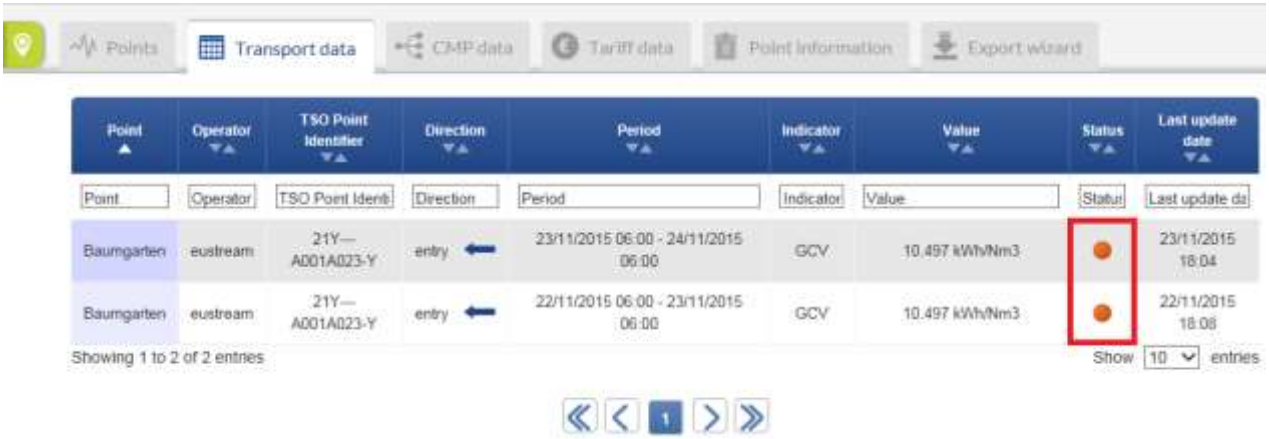
7.4.2.1. STATUS OF THE PUBLISHED INFORMATION

In the Transport data tab the status of the published information could be indicated.
The status definition is available only for the following indicators:

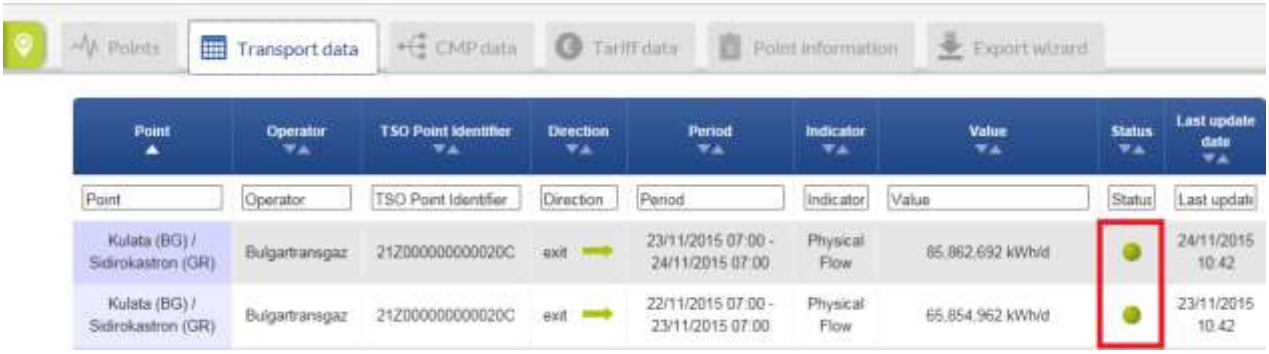
- Physical flow;
- Allocation;
- GCV;
- WI.

The status of the data for these parameters can be defined by the TSO that is publishing the information as:

- **Provisional** – denoted by orange ball:

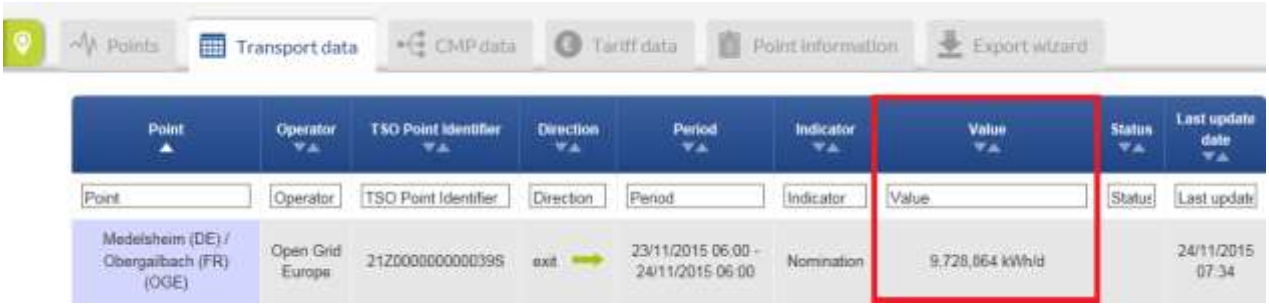


- **Confirmed** – denoted by green ball:



7.4.2.2. DATA VALUES

The value and the units of an indicator for a particular point (direction) and user defined period are displayed in the Value section of the Transport data tab:



7.4.2.3. DATA VALUES PUBLICATION EXCEPTIONS

There are exceptional cases when an operator cannot provide value(s) of a certain indicator for a particular point, point direction and time period. These cases could be for regulatory reasons.

For example:

- An import only point is defined as bidirectional. In the contraflow exit direction the operator does not offer capacity. In this case it cannot publish any information for the indicators for the contraflow direction.
- A point is defined as bidirectional. The flow is going mainly in one of the point directions. For the opposite point direction the operator offers backhaul capacity. For this point direction the operator cannot publish information about physical flow.

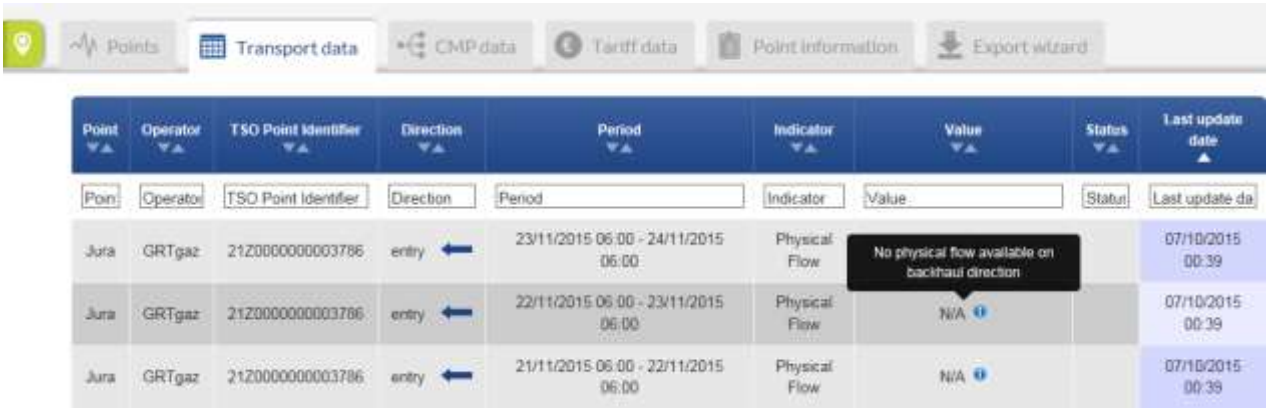
For such cases ENSTOG TP provides functionality for setting the "**N/A**" (**Not applicable**) notation on the place of the numerical value. In addition the operators must add a remark providing information for the reason of not-applicability of the data publication.

For the cases when the operator does not possess information that shall be published, the TP offers possibility for setting a **"-"** (**Minus sign**).
Such an instance could be the situation when an operator did not receive re-nomination(s) from the shippers. Since in this case, the publication of zero value could be misleading, because in normal circumstances a shipper could submit a re-nomination equal to 0 kWh/d or 0 kWh/h, the operator can publish **"-"** (Minus sign).

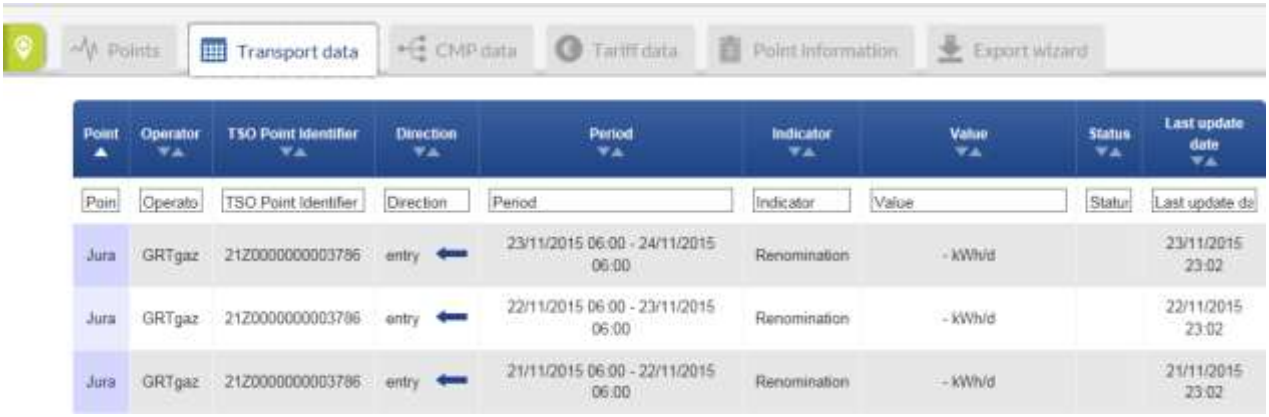
The purpose of the **Minus sign** and **N/A** functionality is:

- To allow the operators to fulfil their publication obligations in case of regulatory exceptions or absence of data;
- To facilitate TP users to comprehend the information provided.

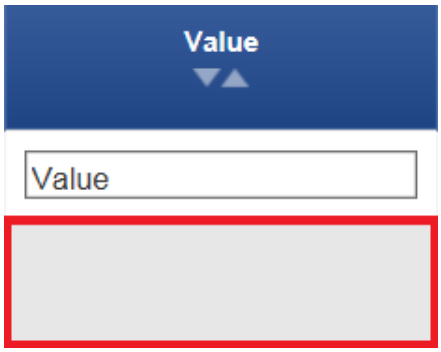
Example for **N/A** publications:



Example for **Minus sign** publications:



With regards to the aforementioned, the Blank cell of a Transport data value field means – Data not published by the operator.

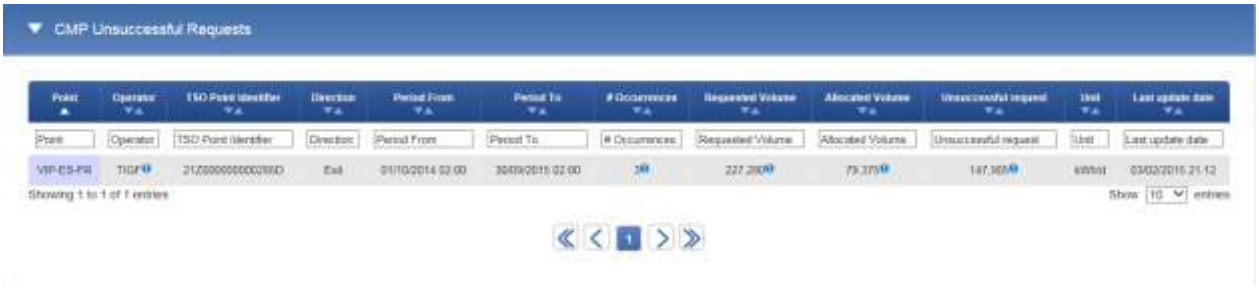


7.4.3. CMP DATA TAB

The CMP data tab shows information about the Unsuccessful request for firm capacity and/or capacity allocated as a result of CMP procedure(s) application.
This section is dedicated for data publication in line with the requirements of Regulation (EC) N715/2009, Annex I, point 3, 3.3(1), (h), (i), (j), (k).

7.4.3.1. CMP UNSUCCESSFUL REQUESTS

CMP Unsuccessful Requests section shows the occurrence(s) (if any) of unsuccessful, legally valid requests for firm capacity products with a duration of one month or longer, including the number and volume of the unsuccessful requests, by specifying concerned point, period, the requested, allocated and unsatisfied capacity.



In case of an absence of occurrences of unsuccessful requests for firm capacity products with a duration of one month or longer, the operators publish remarks containing explanation of the case. The explanation is provided through sentences harmonised among the operators.

7.4.3.2. CMP AUCTION RESULTS

The CMP Auction Results section shows where and when firm capacity products with a duration of one month or longer have cleared at prices higher than the reserve price, by specifying concerned point, period, auction cleared and reserved price.

In case of absence of occurrences of auctions when firm capacity products with a duration of one month or longer have cleared at prices higher than the reserve price, the operators publish remarks containing an explanation of the case. The explanation is provided through sentences harmonised among the operators.

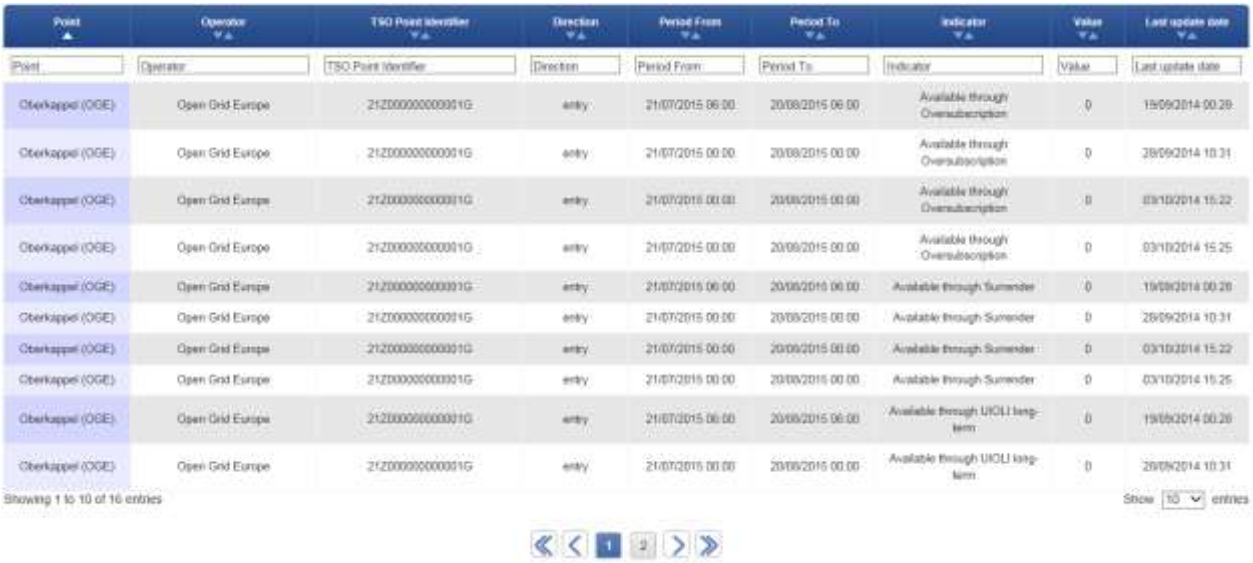
7.4.3.3. CMP UNAVAILABLE FIRM CAPACITY

The CMP Unavailable Firm Capacity section shows where and when no firm capacity product with a duration of one month or longer has been offered in the regular allocation process, by specifying concerned point, period, and allocation process.

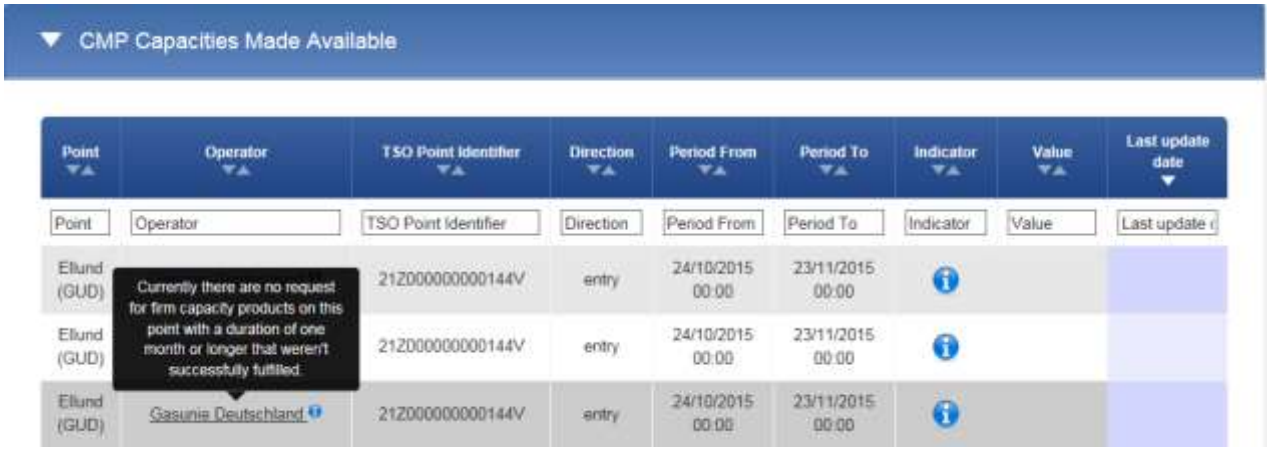
In case of an absence of occurrences when no firm capacity product with a duration of one month or longer has been offered in the regular allocation process, the operators publish remark containing explanation of the case. The explanation is provided through sentences harmonised among the operators.

7.4.3.4. CMP CAPACITIES MADE AVAILABLE

The CMP Capacities Made Available section shows total capacity made available through the application of the congestion-management procedures: Oversubscription and Buy-Back, Firm day-ahead use-it-or-lose-it, Surrender of contracted capacity, Long-term use-it-or-lose-it, by specifying concerned point, period and allocated volume per applied congestion-management procedure.



In case of an absence of occurrences when capacity was made available through the application of the congestion-management procedures, the operators publish remarks containing an explanation of the case. The explanation is provided through sentences harmonised among the operators.



7.4.4. TARIFF DATA

Since 1st October 2017, tariffs and simulation-costs for interconnection points must be published on the Transparency Platform. Beyond the publications on the Transparency Platform, certain tariff information must be published on Member State level, either on TSOs or NRAs' websites, pertaining to all points and more descriptions referring to the tariffs. This is explained in the Implementation Document for the Tariff Network Code , published on ENTSOG's website.

Paragraph 7.4.4.3 The updated Tariff data section explains the functionalities of the Tariff part of the Transparency Platform.

7.4.4.1. OVERVIEW OF PUBLICATION REQUIREMENTS AND TIMELINES

Tariff publications on the Transparency Platform happens minimum twice per year per Member State, and minimum for all interconnection points (IPs):

- Minimum 30 days before the new tariff period starts:
  - commodity tariffs, aka. flow-based charges, if any, for the coming ***tariff period***
  - a simulation of all the costs for flowing 1 GWh/day/year at a given IP for yearly, quarterly, monthly and daily products
- Minimum 30 days before the yearly auctions for firm capacity products in July:
  - applicable tariffs, aka. firm and interruptible reserve prices, for the coming ***gas year***
  - updated simulation costs for flowing 1 GWh/day/year at a given IP, if relevant

In the Publication Summary below, the publication timeline per Member State is shown.

7.4.4.2. PUBLICATION SUMMARY PER TIME PERIOD

This publication summary is inspired by the Implementation Document, prepared for the Tariff Network Code, but adapted to solely show the tariff publications on the Transparency Platform.

The tariff periods for the individual member states can be seen via the publication records in the Tariff Data section. The publication timeline is as follows for the various tariff periods:

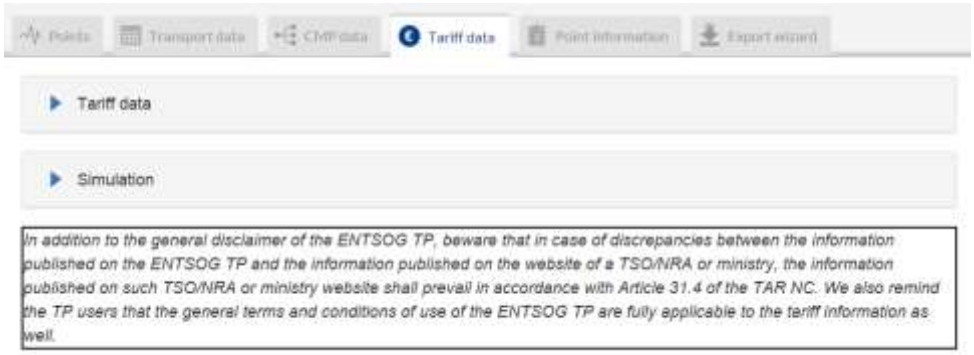
What		**When**	
Tariff period	**Which information**	**Referring to which time**	
Jan-Dec	Flow-based charges and simulation (Applicable commodity tariffs and simulation cost)	Future tariff period	By Dec '17, '18, '19, '20…
	Reserve prices (Applicable capacity tariffs … kWh/d, kWh/h, LC + EUR, common unit)	Future gas year	By Jun '18, '19, '20…

Apr-Mar	Flow-based charges and simulation (Applicable commodity tariffs and simulation cost)	Future tariff period	By Mar ’18, ’19, ’20…
	Reserve prices (Applicable capacity tariffs … kWh/d, kWh/h, LC + EUR, common unit)	Future gas year	By Jun ’18, ’19, ’20…
Jul-Jun	Flow-based charges and simulation (Applicable commodity tariffs and simulation cost)	Future tariff period	By Jun ’18, ’19, ’20…
	Reserve prices (Applicable capacity tariffs … kWh/d, kWh/h, LC + EUR, common unit)	Future gas year	By Jun ’18, ’19, ’20…
Oct-Sep	Flow-based charges and simulation (Applicable commodity tariffs and simulation cost)	Future tariff period	By Sep ’18, ’19, ’20…
	Reserve prices (Applicable capacity tariffs … kWh/d, kWh/h, LC + EUR, common unit)	Future gas year	By Jun ’18, ’19, ’20…
> 1 year	Flow-based charges and simulation (Applicable commodity tariffs and simulation cost)	Future tariff period	By Dec before each tariff period
	Reserve prices (Applicable capacity tariffs … kWh/d, kWh/h, LC + EUR, common unit)	Future gas year	By Jun ’18, ’19, ’20…

Please note that for the countries highlighted in **red**, publications are only partially done by the TSO or not decided upon yet.

7.4.4.3. THE UPDATED TARIFF DATA SECTION

The updated Tariff data section has two tabs:



> **Tariff data**: this tab shows information about the various tariff types and components related to the tariffs, the actual tariff values referred to as applicable tariffs, the various units related to the tariffs for the selected point and period.

The table contains information about binding reserve prices including multipliers, seasonal factors and interruptible discounts and flow-based charges (if applicable) for standard capacity products (firm and interruptible), for all Interconnection Points by default.

ENTSOG and the TSOs have developed two important methodologies to ensure user-friendliness and comparability of the tariff data:

- The validity period approach: "A validity period:
  - (1) is given for each product type;
  - (2) is defined as the longest duration of a given product type where the tariff for such product type is the same; and
  - (3) must be no longer than a tariff period. "

  The validity period approach reduces the number of rows in the standardised table significantly, as the product start- and end date is implicitly indicated by showing the product type. For example, for the validity approach only one line is displayed in the standardised table in the case of the same prices for daily products, instead of 365 lines.

- The common unit: As an additional piece of information for harmonisation purposes, the standardised table contains the applicable tariff in what the TSOs call "the common unit". In praxis this means that every TSO converts its tariffs into a common unit by recalculating the tariff from its own unit into [local currency]/(kwh/h)/d for Yearly, Quarterly, Monthly, Daily and [local currency]/(kwh/h)/h for WithinDay. In other words, you can find comparable data for all products no matter which unit is applied in the "Applicable tariffs".

When using the tariff data table, it's important to notice the plus-signs which will expand additional columns with more information.

> **Simulation**: 'Simulation' contains the simulation of all the costs for flowing 1 GWh/day/year for each IP per product type and tariff period.

To improve transparency, it was agreed to calculate the simulation costs not only for yearly products, but also for quarterly, monthly and daily products. ENTSOG's solution also allows TSOs to provide information for within-day products on a voluntary basis. The calculation of the simulation costs includes the capacity charges, flow-based charges and all kind of charges which are applied at the respective IP – e. g. metering charges, gas quality conversion charges, biogas charges. Those elements, which are part of the calculation will be added in the remark for the respective field of the simulation cost value. The calculation of the simulation cost values is made under the assumption that the load factor is 1, meaning that the gas flow is constant over the year – 1GWh every day of the year.

When using the simulation table, it's important to notice the plus-signs which will expand additional columns with more information.

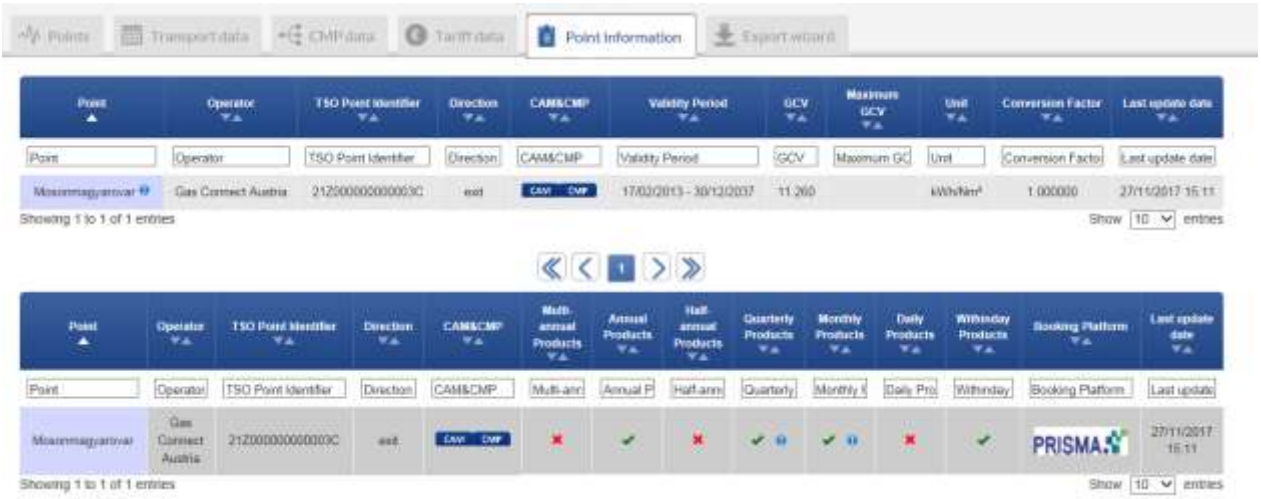
APIs for the Tariff data and Simulations are available via these links:

- https://transparency.entsog.eu/api/v1/tariffssimulations.csv?limit=-1&forceDownload=true
- https://transparency.entsog.eu/api/v1/tariffsfulls.csv?limit=-1&forceDownload=true

Please note that the tariffs published on a voluntary basis before December 2017 are available via a special report "Tariff publ. before TAR NC" in the Export Wizard section.

7.4.5. POINT INFORMATION TAB

The Point information tab shows information about the point name, point identifier, CAM/CMP relevance, validity period, offered type of contracts per point, related booking platform with direct link, maximum value of the GCV and conversion factor used by the respective TSO for converting the information from volume to energy units.



The information presented on CMP data, Tariff data and Point information panels can be sorted based on one or several parameters simultaneously. To sort the data simply press on the name of the selected parameter(s) on the Parameter bar. For details, please refer to the explanation on how to sort data on Transport data panel.

The information presented on CMP data, Tariff data and Point information panels can be filtered based on one or several parameters by using the fields dedicated for this purpose.

For details, please refer to the explanation on how to filter data on Transport data panel.

7.4.6. EXPORT WIZARD TAB

The Export Wizard Tab leads the users to the TP Export Tool. The TP Export Tool allows manual export of points and zones information.

The functionalities and the points information export options are explained in the next points: from 7.4.6.1 to 7.4.6.3.

The functionalities and the zones information export options are explained in point 7.5.4

7.4.6.1. EXPORT WIZARD OPTIONS

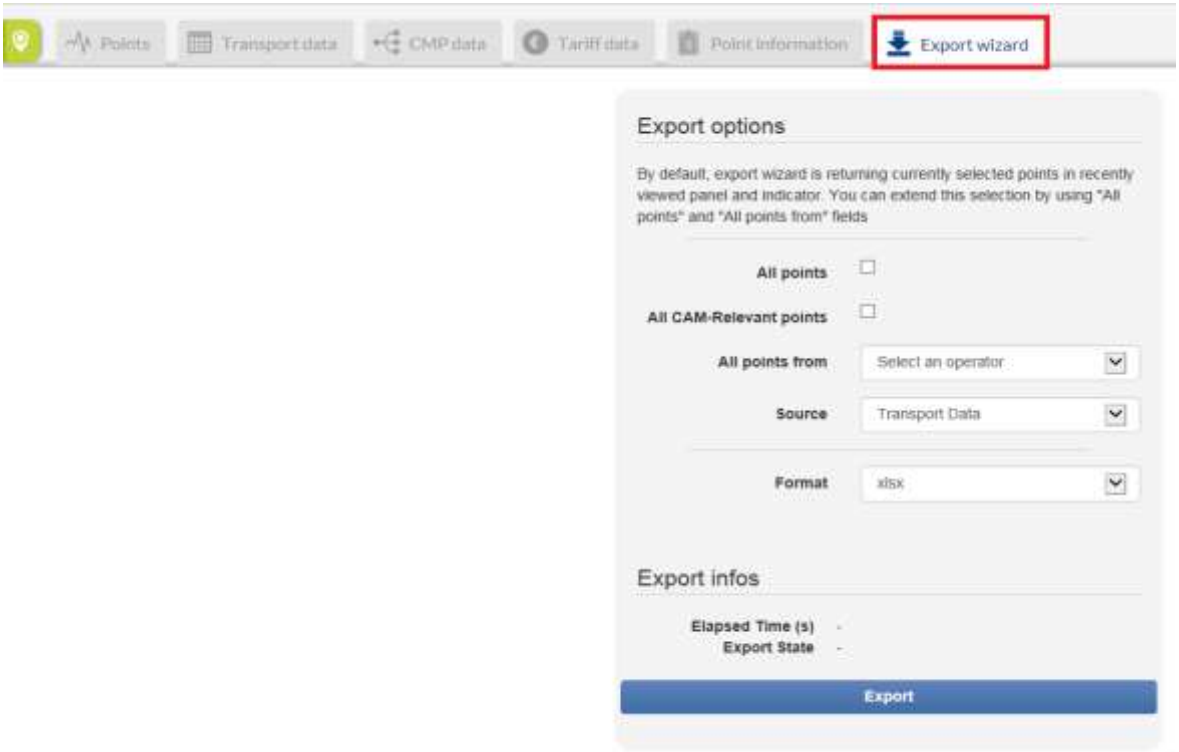
Through the Export wizard the TP users can export information in XLSX, CSV and XML format.

Currently, the TP Export Tool is able to export more than 30 000 rows of information in CSV format, which results for example in bulk of daily data for all TP points and directions for one indicator for 37 days, equal to a file with size around 9 MB. The point information manual export in XLSX format returns maximum around 10 000 rows of information equal to daily data for all TP points and directions for one indicator for

13 days. However, the actual quantity of data which could be obtained through the TP Export tool depends as well on the TP user's internet connection parameters as - bandwidth and speed.

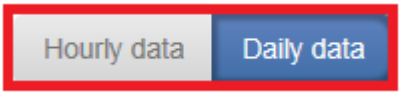
As general recommendation we would suggest the CSV data format to be used for bigger export queries.

TP users can choose the data to be exported by selecting the TSO in interest, point direction, point type (only CAM-Relevant or All points), data type (Transport data, CMP information, Point information).

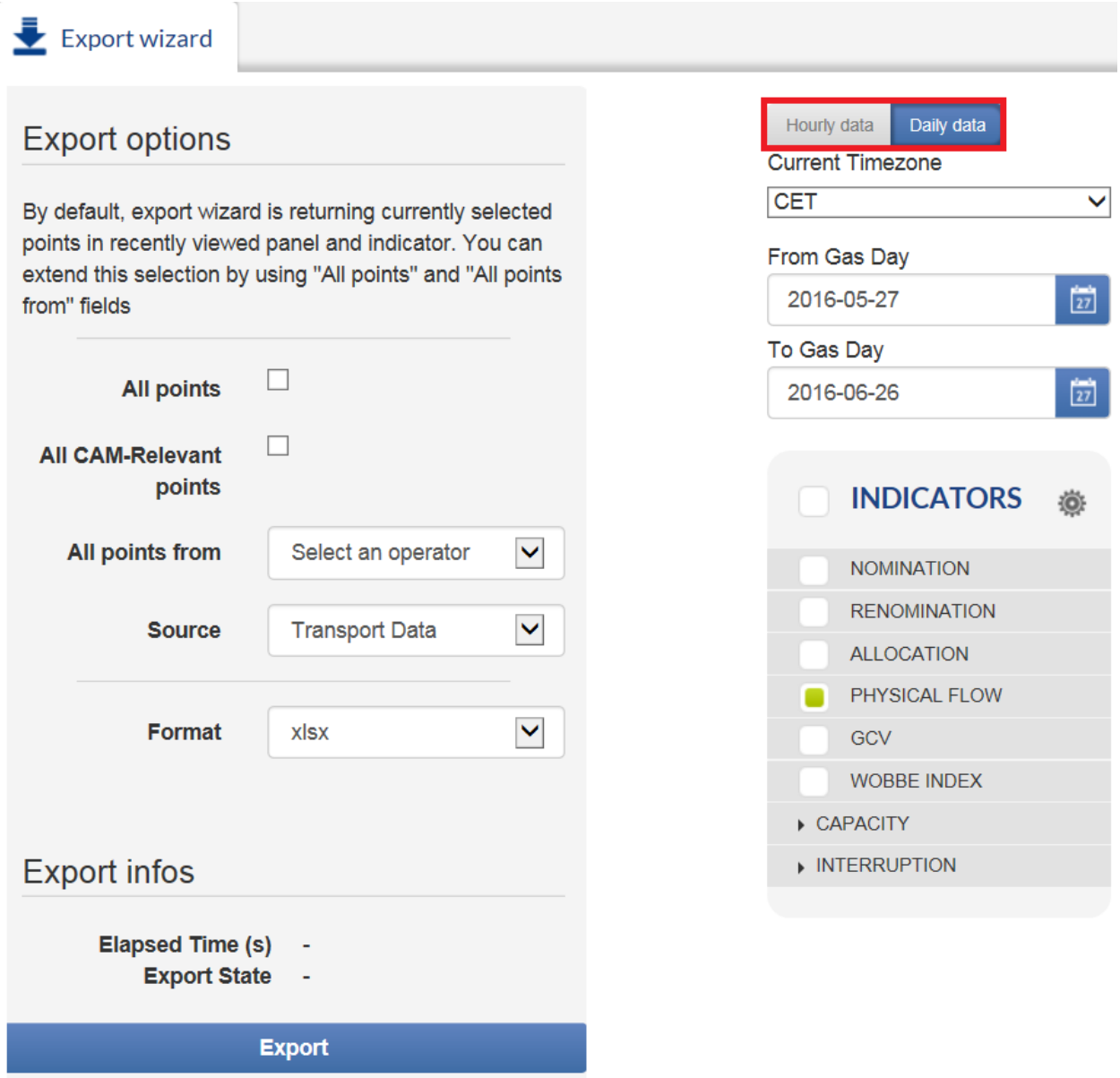


The number of the points for which data is exported through the TP Export Tool depends on the completeness of the data published by the TSOs. If for particular period, point and indicator a TSO has missing data or does not publish information (for any reason), the particular point is not included the respective queries (export file) for the selected period and indicator(s).

You can select whether to export information in daily or hourly mode, by clicking on the respective button:

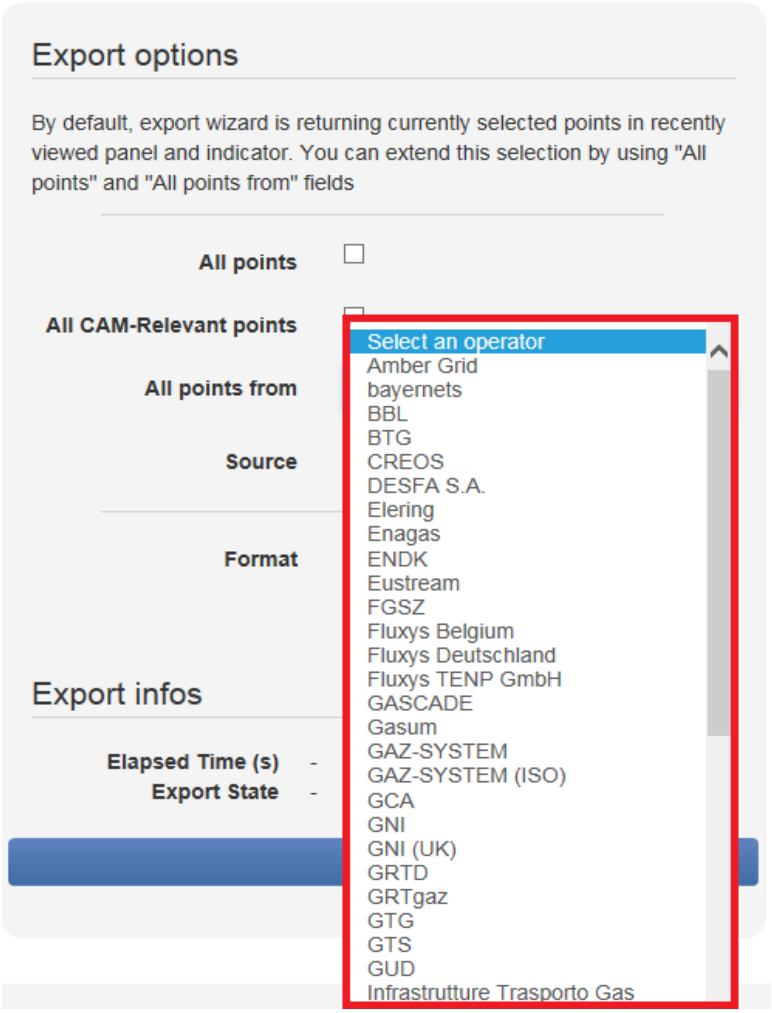


Be aware that the hourly publications are not mandatory for all TSOs and indicators. In case that no data is published for particular point, indicator and period, in hourly or daily mode, the TP Export Tool will not return an export result.



Example on how to use the options of the Export wizard:

The TSO whose point information is needed can be selected from a drop-down menu:

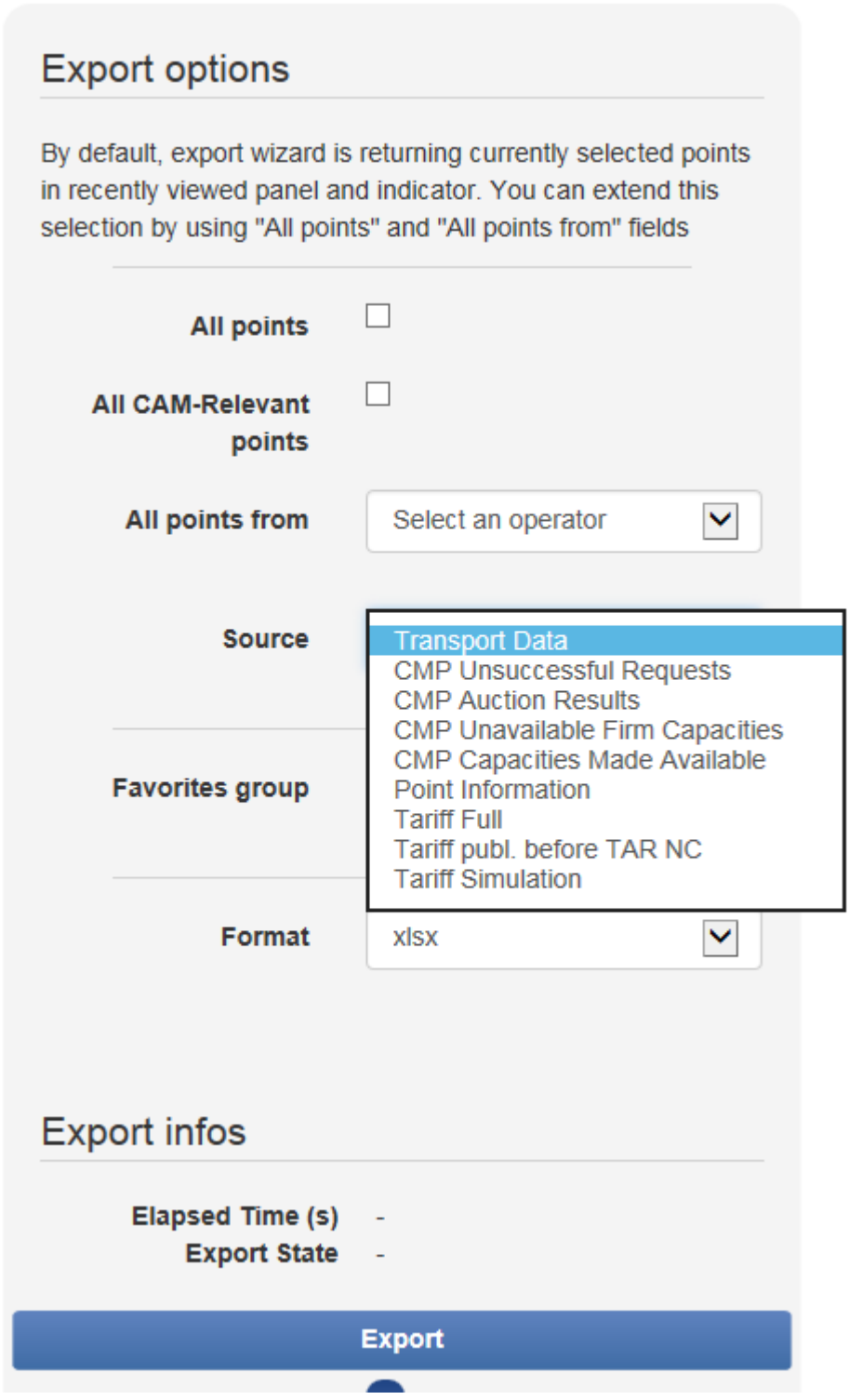


The Type of exported information can be selected through the Source drop-down menu.

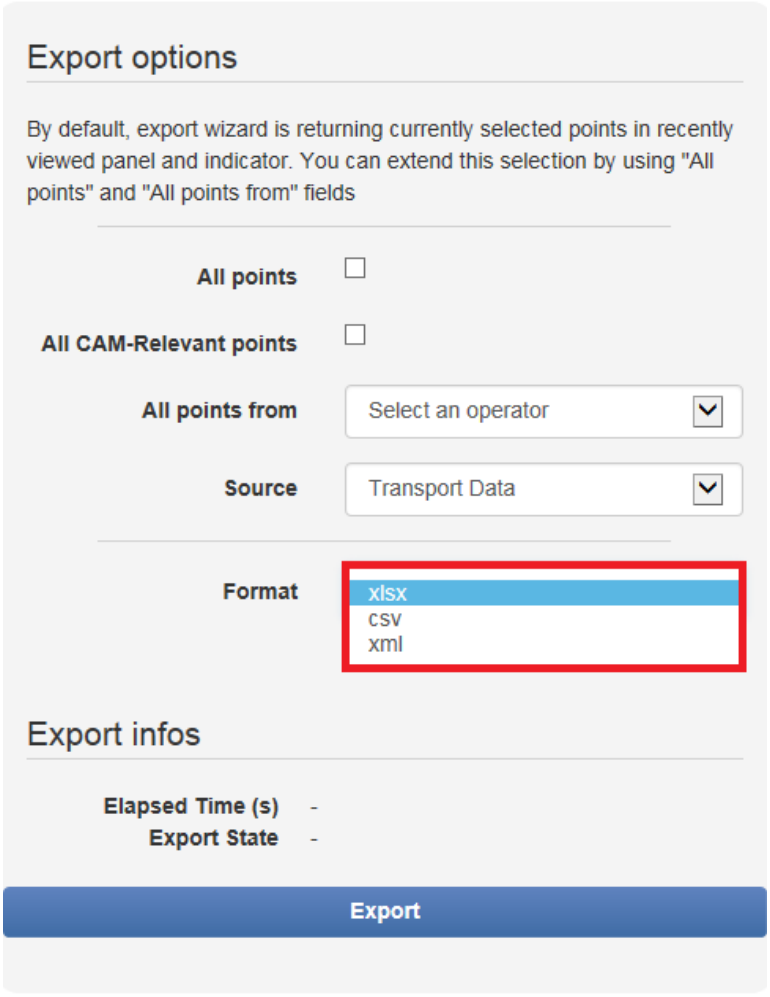
The Transport data includes nominations, re-nominations, physical flow, allocations, capacity, interruptions and gas quality data.

The CMP data includes information about the unsuccessful requests for firm capacity, the auction results concluded with auction premium and allocated capacity through the application of particular CMP procedure(s) during the selected period.

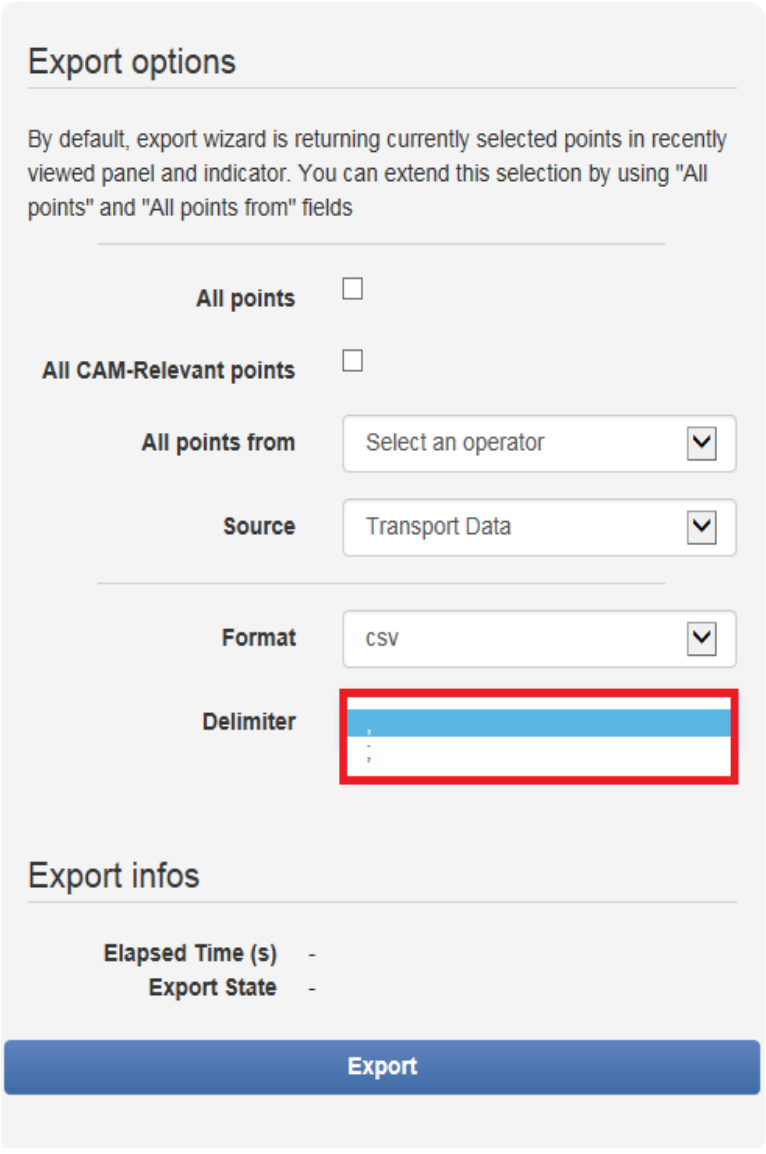
In addition, the TP users can obtain general information about the selected points like – point EIC, validity period, CAM relevance, possible contract types depending on the time period and etc.


Export options
By default, export wizard is returning currently selected points in recently viewed panel and indicator. You can extend this selection by using "All points" and "All points from" fields
All points
All CAM-Relevant points
All points from
Select an operator
Source
Transport Data
CMP Unsuccessful Requests
CMP Auction Results
CMP Unavailable Firm Capacities
CMP Capacities Made Available
Point Information
Tariff Full
Tariff publ. before TAR NC
Tariff Simulation
Favorites group
Format
xlsx
Export infos
Elapsed Time (s) -
Export State -
Export

The information could be exported in XLSX, CSV and XML format.



For the CSV export, the TP users could choose either a comma or semi-colon delimiter.

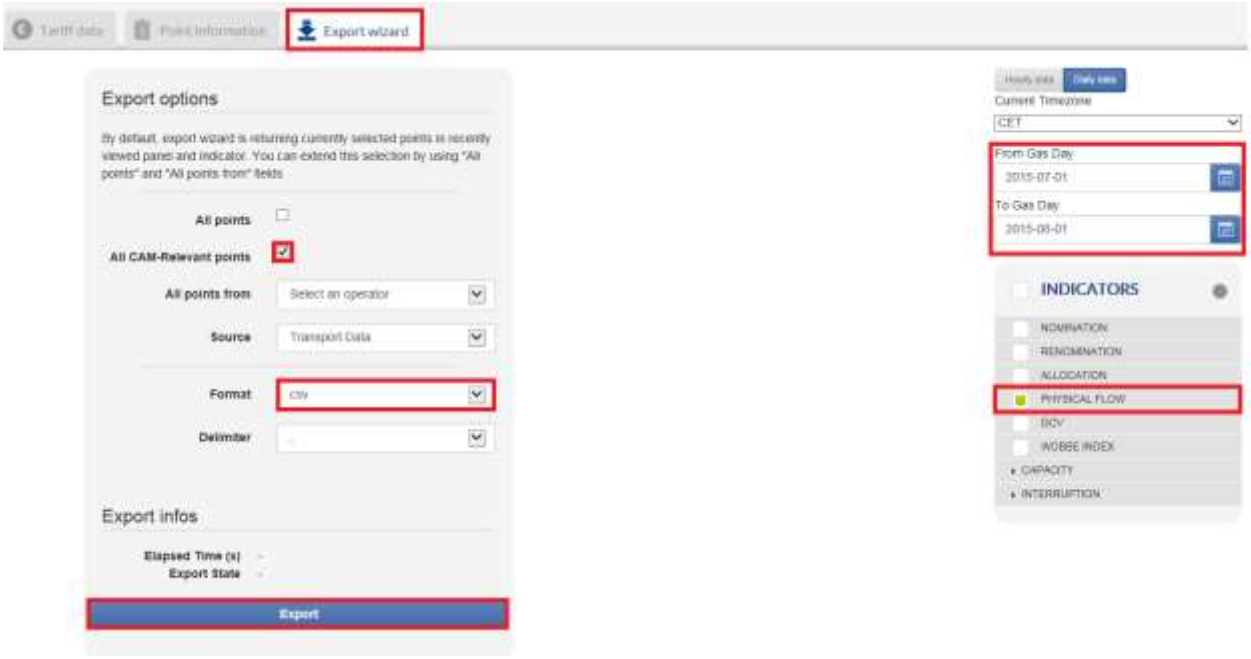


EXAMPLE

How to export information for the physical flow through all CAM-Relevant points in Europe for the period 1 July – 1 August 2015?

In order to export the information in interest from the TP it is important not only to select the point type, operator, direction and data source, but also to define the period and indicators for which the data is needed.

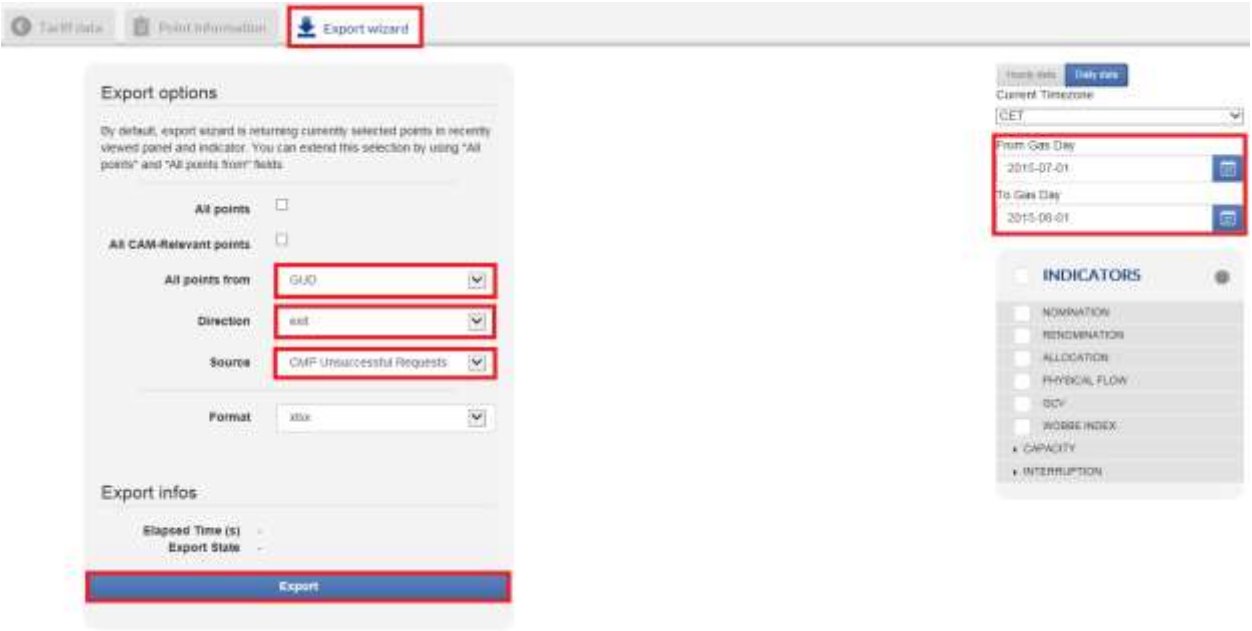
The required period and indicators shall be selected through the respective Time/Calendar and Indicators panels.



EXAMPLE

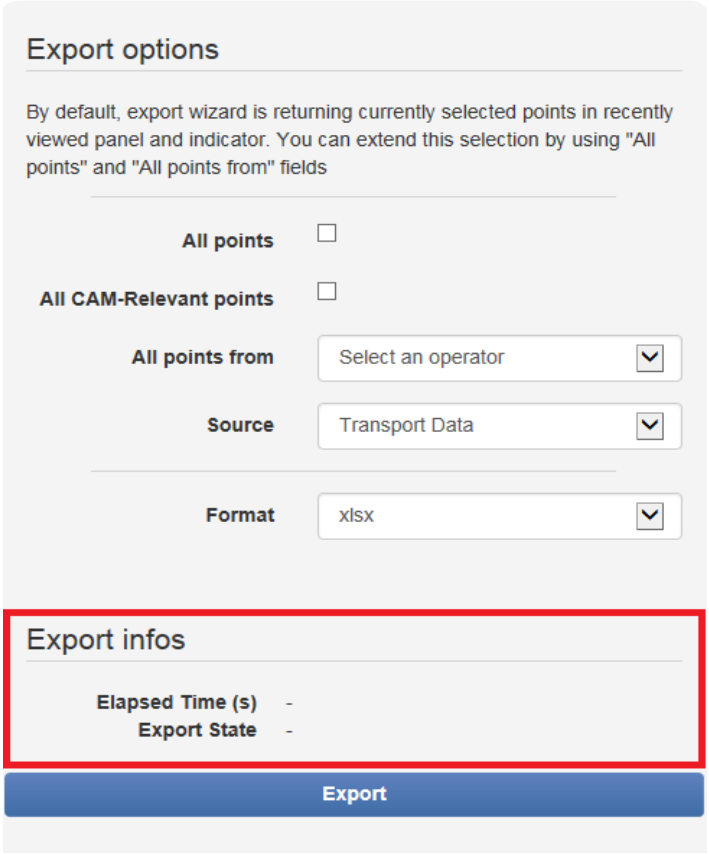
How to export information about the unsuccessful requests for capacity received by a TSO for its exit points during the period 1 July – 1 August 2015?

For exporting CMP information, it is required to select the appropriate data source, point type and direction, TSO, time period of interest and export format. An example is shown below:



7.4.6.2. EXPORT STATES

The Export state is shown in the Export Infos section of the Export Wizard:

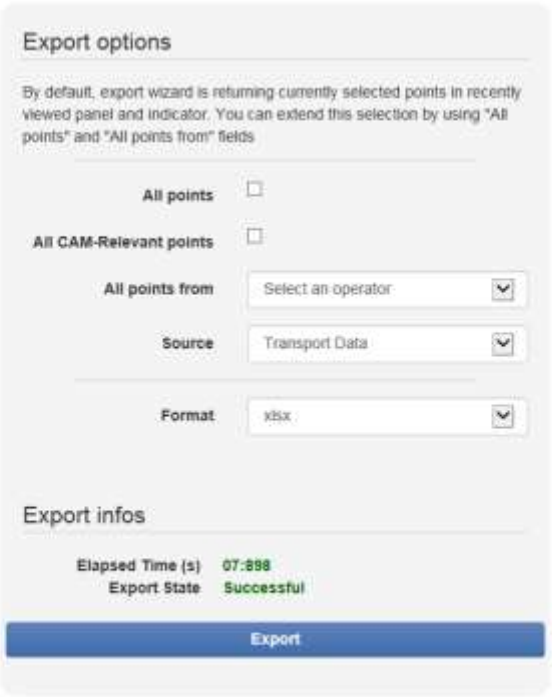


The Export Infos section provides details on:

- **Elapsed time:** The time elapsed for the generation of the requested report;
- **Export state:** Shows the status of the export query:
  - **-** : The user has not clicked on Export button;
  - Querying: The user has clicked on Export button, the TP is querying its database to return the requested data;
  - Successful: The TP has finished its query successfully;
  - Cancelled Query: The user has stopped its query while it was in progress;
  - Time-Out: The user has tried to download too much data, the TP has blocked this request;
  - No data: The query of the user doesn't return any data from the TP database.
- **Operation status:** Denoted through the text color:
  - **Green:** Successful Query;
  - **Red:** Time-Out;
  - **Black:** All other export states.
- **Exported data:** The export file containing an organized view of the API results in one of the available file formats.

Example of "Successful" Query:

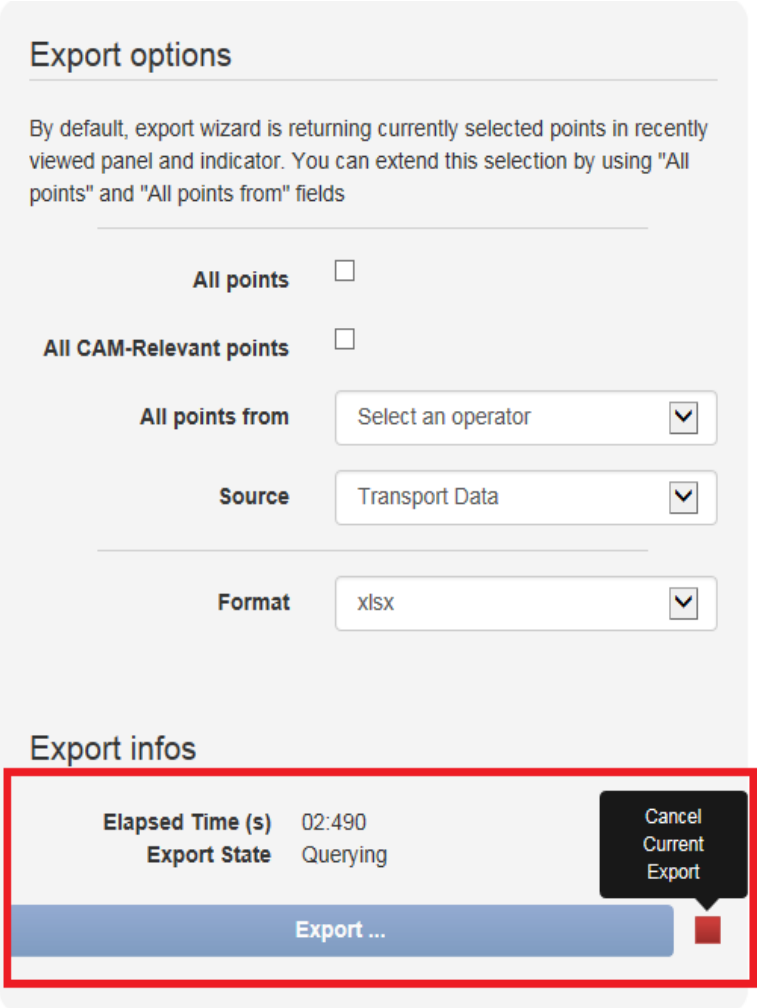
- Export Button is clickable;
- Elapsed Time displays the total elapsed time in seconds and milliseconds;
- Export state: Successful;
- Elapsed Time and Export state appear in bold green;
- The browser prompts the user to download the resulted document.



EXAMPLE

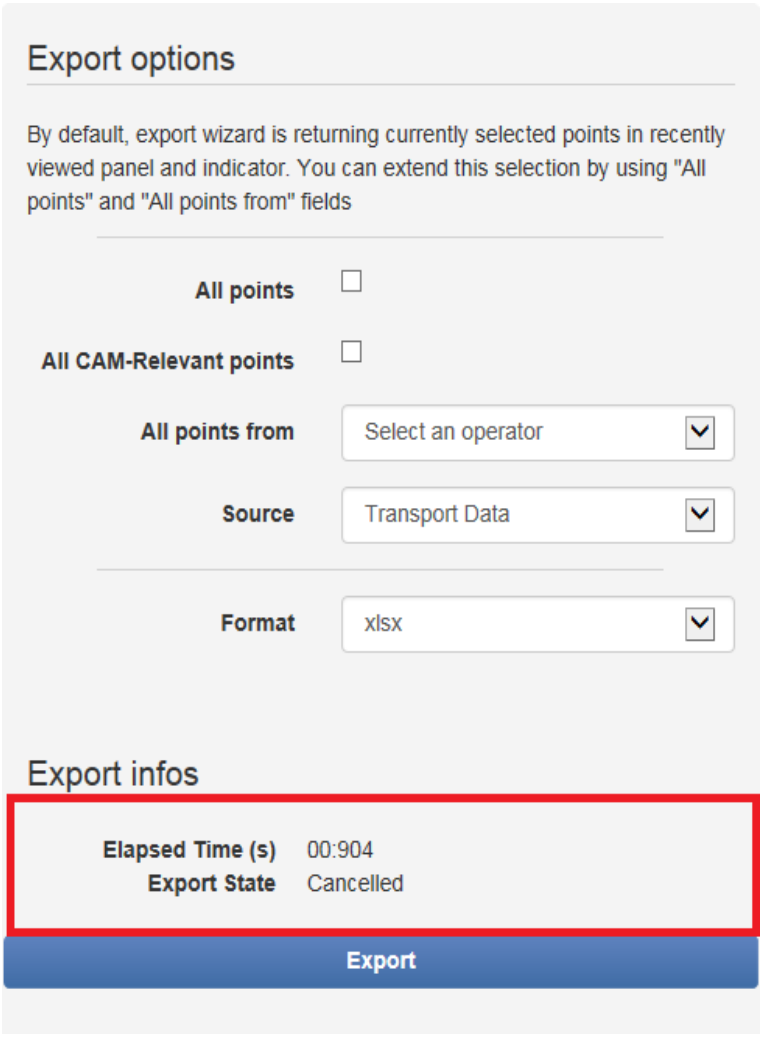
Example of “Querying” State:

- Export button is blocked;
- Elapsed Time displays a running clock;
- Elapsed Time shows time in seconds and milliseconds;
- Export state: Querying;
- Elapsed Time and Export state appear in black;
- Export button caption displays alternation dots to show that an operation is being performed;
- Stop red square button is displayed to the right of the export button;
- Clicking on the Stop button cancels the query.



Example of “Cancelled Query” State:

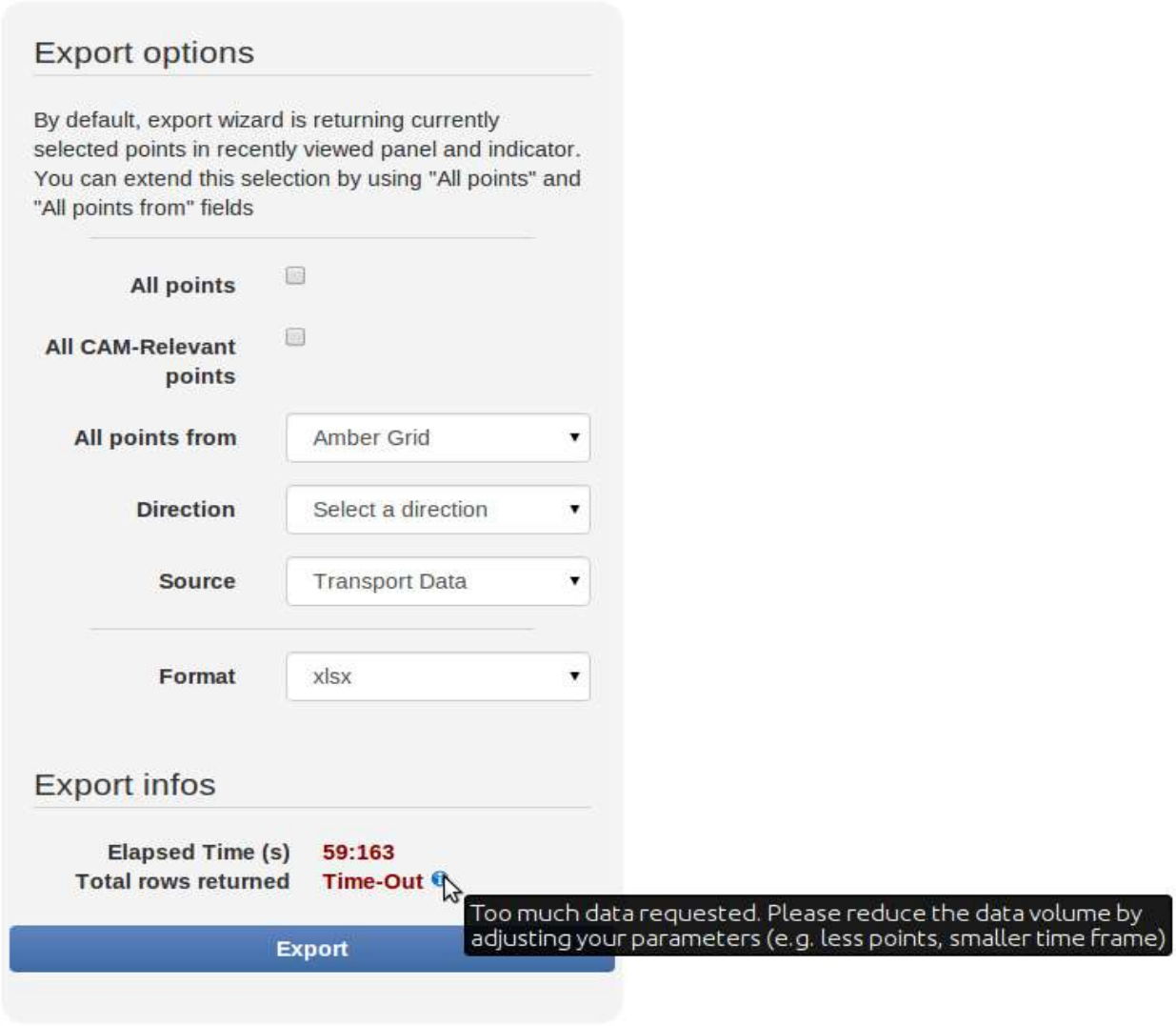
- Export Wizard transitions into this state when the query is cancelled;
- Stop Button is hidden;
- Elapsed Time displays the total elapsed time in seconds and milliseconds until cancellation;
- Export state: Cancelled;
- Elapsed Time and Export state appear in black;
- The browser does not prompts the user to download anything.



Example of “Time-Out” State:

- Export Wizard transitions into this state when the query cannot be completed because of Time-Out. The TP sets a maximum time of 60 seconds for a query to produce a result, in order to limit the stress on the TP resources.
- Export Button is clickable;
- Stop Button is hidden;
- Elapsed Time displays the total elapsed time in seconds and milliseconds until the Time-Out;
- Export state: Time-Out;
- Elapsed Time and Export state appear in bold red;

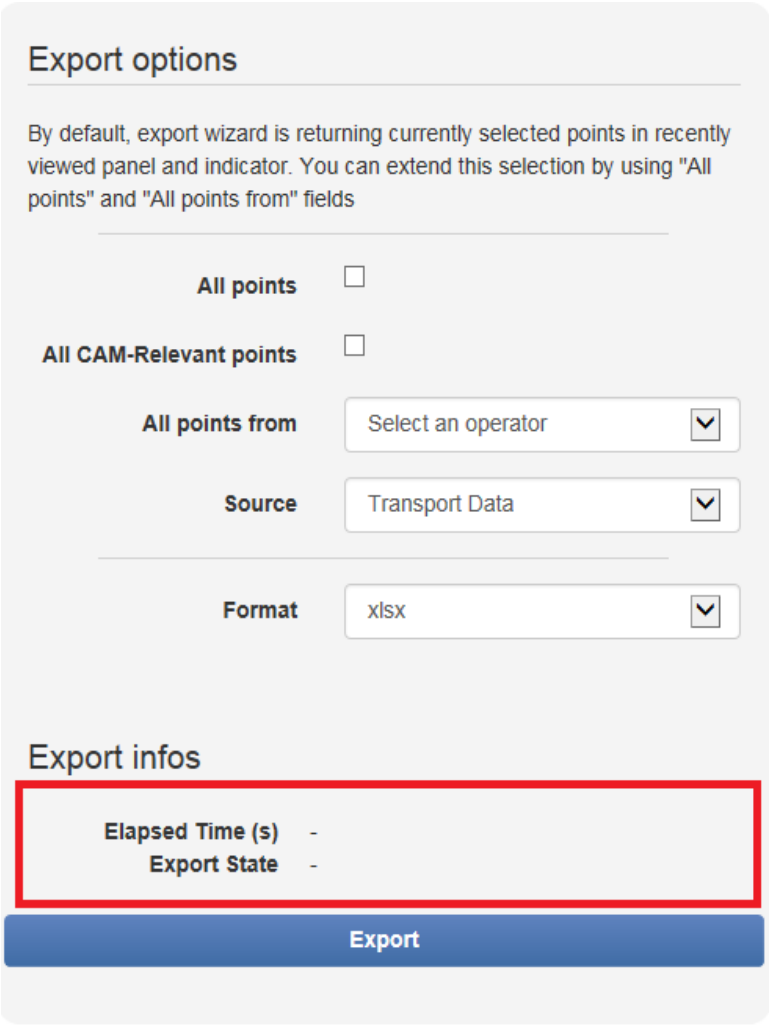
> Next to the notice “Time-Out”, a little symbol appears, with a tooltip saying *"Too much data requested. Please reduce the data volume by adjusting your parameters (e.g. less points, smaller time frame)."*



Example of “Idle” State:

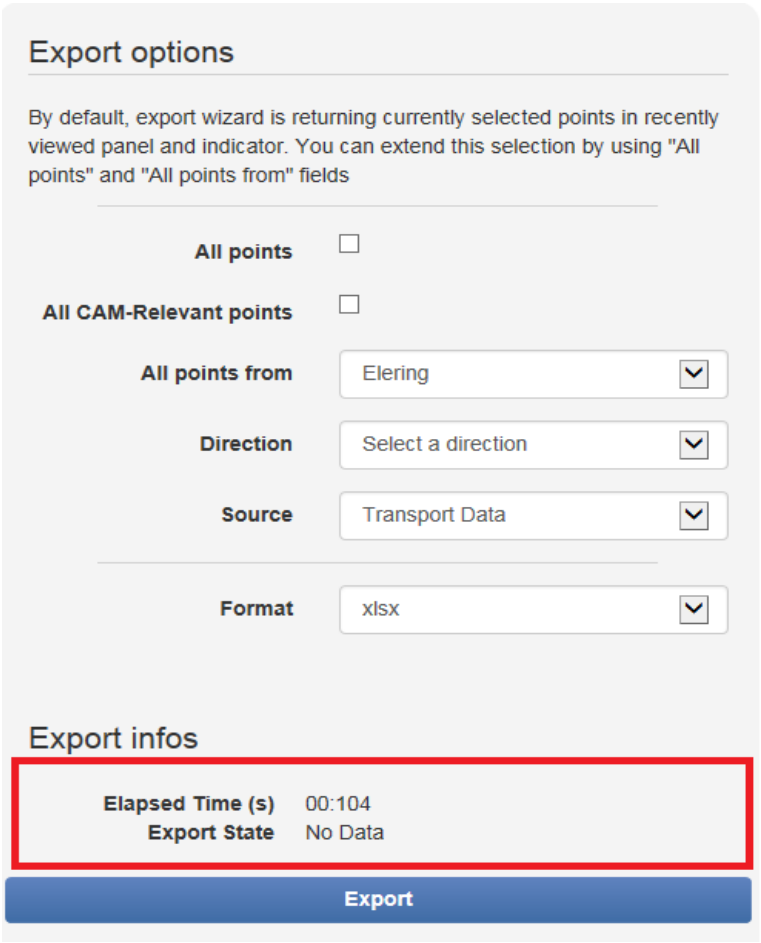
> The Idle State is the initial default state of the Export Wizard;
> Export Button is clickable;
> Elapsed time shows a "-" sign;
> Export state shows a "-" sign;

> Stop Button is hidden.



Example of “No Data” State:

> Export Wizard transitions into this state when the query is successful but returns no results;
> Export Button is clickable;
> Elapsed Time displays the total elapsed time in seconds and milliseconds;
> Export State: No Data;
> Elapsed Time and Export state appear in black;
> Stop Button is hidden;
> The browser does not prompt the user to download or open a document, as there are no data to be downloaded.



7.4.7. EXPORT WIZARD – EXPLANATION OF FIELDS

Below you can find description of the information manually exportable through TP Export Wizard. Each table contains explanation of the meaning of the column titles of the export files.
The provided samples in the "Possible values/Example" column should not be treated as an instance of a real export file. The samples shall be examined on field by field basis as illustration of the possible export values.

7.4.7.1. TRANSPORT DATA EXPORT FIELDS

TRANSPORT DATA EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
id	Technical identifier which is a unique fingerprint of the data item.	1Physical Flowday2016-02-182016-02-19DE-TSO-0010ITP-00019entrykWh/d

dataSet	Datasets represent groups of similar data items. Possible values: 1: Transport Data indicators 2: CMP Unsuccessful Requests 3: CMP Auctions 4: CMP Unavailable 5: Detailed Interruption data The value of the field shows the type of exported data set.	1
indicator	Name of the indicator	Physical Flow
periodType	Period Type (Day or Hour) - represents the granularity of the data.	Day
periodFrom	Start of the period for which the information is valid (start of the gas day or gas hour). The hour is shown in the time zone selected by the TP user.	2016-02-18 06:00
periodTo	End of the period for which the information is valid (end of the gas day or gas hour). The hour is shown in the time zone selected by the TP user.	2016-02-19 06:00
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	DE-TSO-0010
tsoEicCode	EIC code of the TSO. The EIC code of the TSO may change over time.	21X-DE-A-A0A0A-A
operatorLabel	TSO name	Bayernets
pointKey	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00007
pointLabel	Name of the point for which information is exported.	Überackern SUDAL (AT) / Überackern 2 (DE)
tsoItemIdentifier	Code used by the TSO for data publication for a point. Since October 2015, only EIC codes are used as point identifiers on ENTSOG TP.	21Z0000000001240
directionKey	Flow direction (Entry or Exit)	Entry
unit	Units in which the indicator value is presented (kWh/d, kWh/h, kWh/m³, etc.)	kWh/d

itemRemarks	Item specific optional remark, which can be visualized in the exports.	Remark text could appear here if published by the TSO.
generalRemarks	Generic optional remark over a group of data items published by the TSO at the same time.	General remark information for the group of data (for example for all Nominations publications) could appear here if published by the TSO.
value	Value of the indicator	21742397
lastUpdateDateTime	The date of the upload of the information on the TP. For Capacity and Interruption indicators - the date at which the last change in value was observed.	2016-02-19 10:10
isUnlimited	The field is valid only for Interruptible capacity. In case that the Interruptible capacity offered by a TSO is unlimited, the value of the field is set to TRUE and the TP visualize the symbol "∞". The value of the field is FALSE if the Interruptible capacity offered by the TSO is not unlimited. The field is empty if the information is exported for indicator different than Interruptible capacity.	
flowStatus	The status of the information (Provisional or Confirmed), displayed only for Physical flow, Allocation, GCV and WI values.	Confirmed
interruptionType	The type of interruption (Planned, Unplanned, Actual), valid only for Interruption data. The field is empty if the information is exported for parameters different than Interruption indicators.	
restorationInformation	The field is valid only for the Interruption data. It may contain free text information provided by the TSO about the expected restoration from an interruption event. The information is not visualized on the Platform.	

	If submitted by the TSO, it is available only for export.	
capacityType	Type of capacity (Firm or Interruptible), valid only for Capacity and Interruption data. The field is empty if the information is exported for parameters different than Capacity or Interruption indicators.	
capacityBookingStatus	Booking status of the capacity (Booked, Available, Total), valid only for Capacity or Interruption data. The field is empty if the information is exported for parameters different than Capacity or Interruption indicators.	
isCamRelevant	TRUE if the point is CAM-relevant. FALSE if the point is NON-CAM-relevant.	TRUE
isNA	The field shows whether “Not Applicable” functionality for data publication was activated by the TSO for the particular point/direction/indicator/period. If the value of the field is TRUE, this means that a “Not applicable” functionality is activated and instead of displaying a value on the platform “N/A” is published. If the field is blank, this means that there are no exceptions and the value of the indicator shall be presented.	
originalPeriodFrom	Technical field represents the first day on which the “Not applicable” solution has been activated. The field is only filled, if “isNA” is set to TRUE.	

7.4.7.1. POINTS INFORMATION EXPORT FIELDS

POINTS INFORMATION EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE

pointKey	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00056
pointLabel	Name of the point	Oberkappel (GRTgaz D)
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	DE-TSO-0004
operatorLabel	TSO name	GRTgaz Deutschland
directionKey	Flow direction (Entry or Exit)	entry
validFrom	Point validity start date, as defined by ENTSOG TP administrator. ***The indicator is not relevant for this dataset.***	*Example not applicable.*
validTo	Point validity end date, as defined by ENTSOG TP administrator. ***The indicator is not relevant for this dataset.***	*Example not applicable.*
hasData	TRUE in case that the TSO has configured its IT system to publish data at this point. Please note that it just means that the TSO has the technical ability to provide data at the point. It may happen that data may still be missing temporarily for certain days, in case of punctual data communication errors. When FALSE or empty, it means that the TSO has not configured its IT system to upload data for this point, i.e. the point is not relevant.	TRUE
isVirtualizedCommercially	TRUE in case that the point is commercially virtualized. In this case, the data is published for the virtual point. FALSE if the point is not virtualized commercially.	FALSE
virtualizedCommerciallySince	The start date of the commercial virtualization of the point after which the information is published for the virtual point. The field is empty if the value of the “isVirtualizedCommercially” is FALSE.	

isVirtualizedOperationally	TRUE in case that the point is operationally virtualized. In this case the data is published for the virtual point. FALSE if the point is not virtualized operationally.	FALSE
virtualizedOperationallySince	The start date of the operational virtualization of the point after which the information is published for the virtual point. The field is empty if the value of the “isVirtualizedOperationally” is FALSE.	
isPipeInPipe	TRUE if a pipe-in-pipe situation is valid for the point, otherwise the value of the field is FALSE.	TRUE
pipeInPipeWithTsoKey	The TP ID of the other TSO participating in the pipe-in-pipe situation and the TP ID of the point. The filed is depended of the value of the fields “isPipeInPipe”. If the value of the fields “isPipeInPipe” is TRUE, the field “pipeInPipeWithTsoKey” contain the TP ID of the respective TSO and the TP ID of the point.	DE-TSO-0009/ITP-00006
pipeInPipeWithTsoLabel	The name of the other TSO participating in the pipe-in-pipe situation and the name of the point. The filed content is depended of the value of the fields “isPipeInPipe”. If the value of the fields “isPipeInPipe” is TRUE, the field “pipeInPipeWithTsoLabel” contain the name of the respective TSO and the name of the point.	Open Grid Europe/Oberkappel (OGE)
isDoubleReporting	TRUE if the TSO is publishing the data at the point on behalf of another TSO, for legal reasons.	FALSE
doubleReportingWithTsoKey	The TP ID of the TSO to which the point actually belongs and the TP ID of the point. The filed content is depended of the value of the fields “isDoubleReporting”.	

	If the value of the fields “isDoubleReporting” is TRUE, the field “doubleReportingWithTsoKey” contain the TP ID of the respective TSO to which the point belongs and the TP ID of the point.	
doubleReportingWithTsoLabel	The name of the TSO to which the point actually belongs and the name of the point. The filed content is depended of the value of the fields “isDoubleReporting”. The filed is depended of the value of the fields “isDoubleReporting”. If the value of the fields “isDoubleReporting” is TRUE, the field “doubleReportingWithTsoLabel” contain the name of the respective TSO to which the point belongs and the name of the point.	
tsoItemIdentifier	Code used by the TSO for data publication for a point. Since October 2015, only EIC codes are used as point identifiers on ENTSOG TP.	21Z000000000161V
tpTsoItemLabel	The name of the point, as defined by the TSO	Oberkappel
tpTsoValidFrom	Point validity start date, as defined by the TSO.	2005-10-01 00:00
tpTsoValidTo	Point validity end date, as defined by the TSO.	2099-12-3 00:00
tpTsoRemarks	Optional remark about the point defined by the TSO.	Remark text could appear here if published by the TSO.
tpTsoConversionFactor	Conversion factor to be used for conversion of the capacity value from volume to energy units, in case that the data is submitted by the TSO in volume. The value is equal to "1" in case that the capacity value is submitted by the TSO directly in energy units and no conversion is needed.	1
tpRmkGridConversionFactorCapacityDefault	Optional remarks provided by the TSO that can eventually provide more information about the conversion factor used.	Remark text could appear here if published by the TSO.

tpTsoGCVMin	Default value of the GCV defined by the TSO for conversion purposes.	11.1
tpTsoGCVMax	Maximum value of the GCV defined by the TSO for conversion purposes (optional).	
tpTsoGCVRemarks	Optional remark about the value of the GCV published by the TSO for conversion purposes.	Remark text could appear here if published by the TSO.
tpTsoGCVUnit	Unit for the GCV data	kWh/m³
tpTsoEntryExitType	Type of the point according to the TSO (Entry, Exit, or Entry-Exit) ***The indicator is not relevant for this dataset.***	*Example not applicable.*
multiAnnualContractsIsAvailable	TRUE in case that the TSO offers Multi-annual contracts at the particular point. FASLE if Multi-annual contracts are not offered.	FALSE
multiAnnualContractsRemarks	Optional remark about the Multi-annual contracts published by the TSO.	Remark text could appear here if published by the TSO, for example: “Contracts shall start at the 1st day of the month”.
annualContractsIsAvailable	TRUE in case that the TSO offers Annual contracts at the particular point. FASLE if Annual contracts are not offered.	TRUE
annualContractsRemarks	Optional remark about the Annual contracts published by the TSO.	Remark text could appear here if published by the TSO, for example: “Contracts shall start at the 1st day of the month”.
halfAnnualContractsIsAvailable	TRUE in case that the TSO offers Half-annual contracts at the particular point. FASLE if Half-annual contracts are not offered.	FALSE
halfAnnualContractsRemarks	Optional remark about the Half-annual contracts published by the TSO.	Remark text could appear here if published by the TSO, for example: “Contracts shall start at the 1st day of the month”.
quarterlyContractsIsAvailable	TRUE in case that the TSO offers Quarterly contracts at the particular point. FASLE if Quarterly contracts are not offered.	TRUE

quarterlyContractsRemarks	Optional remark about the Quarterly contracts published by the TSO.	Remark text could appear here if published by the TSO.
monthlyContractsIsAvailable	TRUE in case that the TSO offers Monthly contracts at the particular point. FASLE if Monthly contracts are not offered.	TRUE
monthlyContractsRemarks	Optional remark about the Monthly contracts published by the TSO.	Remark text could appear here if published by the TSO, for example: “Contracts shall start at the 1st day of the month”.
dailyContractsIsAvailable	TRUE in case that the TSO offers Daily contracts at the particular point. FASLE if Daily contracts are not offered.	FALSE
dailyContractsRemarks	Optional remark about the Daily contracts published by the TSO.	Remark text could appear here if published by the TSO.
dayAheadContractsIsAvailable	TRUE in case that the TSO offers Day-ahead contracts at the particular point. FASLE if Day-ahead contracts are not offered.	TRUE
dayAheadContractsRemarks	Optional remark about the Day-ahead contracts published by the TSO.	Remark text could appear here if published by the TSO.
availableContractsRemarks	Optional remark about the available contracts offered by the TSO at the particular point.	Remark text could appear here if published by the TSO.
sentenceCMPUnsuccessful	In case of an absence of unsuccessful requests for firm capacity products with duration of one month or longer, the TSOs publish remark containing explanation of the case. The explanation is provided through sentences harmonized among the TSOs.	Currently there are no requests for firm capacity products on this point with a duration of one month or longer that weren't successfully fulfilled.
sentenceCMPUnavailable	In case of an absence of occurrences when no firm capacity product with a duration of one month or longer has been offered in the regular allocation process, the TSOs publish remark containing explanation of the case. The explanation is provided through sentences harmonized among the TSOs.	Currently firm products with a duration of one month or longer are offered on this point in the regular allocation process.

sentenceCMPAuction	In case of absence of occurrences of auctions when firm capacity products with a duration of one month or longer have cleared at prices higher than the reserve price, the TSOs publish remark containing an explanation of the case. The explanation is provided through sentences harmonized among the TSOs.	Currently there are no firm capacity products on this point with a duration of one month or longer auctioned having cleared with an auction premium.
sentenceCMPMadeAvailable	In case of an absence of occurrences when capacity was made available through the application of the congestion-management procedures, the TSOs publish remark containing an explanation of the case. The explanation is provided through sentences harmonized among the TSOs.	Currently no capacity has been made available on this point through the application of the congestion-management procedures.
lastUpdateDateTime	The date at which the information was last updated by the TP.	2016-04-18 11:04
isInvalid	Technical element used to denote an objects/information which is not valid anymore (e.g. point which has been terminated). TRUE is the object is not valid. FALSE if the object is valid.	FALSE
isCAMRelevant	1 if the point is CAM-relevant. Blank if the point is not CAM-relevant.	1
isCMPRelevant	1 if the point is CMP-relevant. Blank if the point is not CMP-relevant.	1
bookingPlatformKey	Short name for the Booking Platform where capacity can be booked for the point	PRISMA
bookingPlatformLabel	Long name for the Booking Platform where capacity can be booked for the point	PRISMA
bookingPlatformURL	Link to the Booking Platform where capacity can be booked for the point	https://platform.prisma-capacity.eu/
id	Technical identifier which is a unique fingerprint of the data item.	5DE-TSO-0004ITP-00056entry

dataSet	Datasets represent groups of similar data items. Possible values: 1: Operators 2: Points 3: Balancing Zones 4: Interconnections 5: Operator Point Directions 6: Aggregate Interconnections The value of the field shows the type of exported data set.	5

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2303 #### 7.4.7.2. ZONES INFORMATION EXPORT FIELDS

2304

ZONES INFORMATION EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
id	Technical identifier which is a unique fingerprint of the data item.	1AggregatesDEDE-GASPOOL-DE-TSO-0005entryProduction2016-02-18T00:00:00+00:002016-02-19T00:00:00+00:00Physical Flow
dataSet	Datasets represent groups of similar data items. Possible value for the Zones information export: 1: Aggregated Data at Balancing Level.	1
dataSetLabel	Datasets represent groups of similar data items. Aggregates: Aggregated Data at Balancing Level. The value of the field shows the type of exported data set.	Aggregates
indicator	Name of the indicator. Possible values: - Physical flow; - Nomination/Re-nomination; - Allocation.	Physical Flow
periodType	Period Type (Day or Hour) - presents the granularity of the data.	Day
periodFrom	Start of the period for which the information is valid (start of the gas day or gas hour). The hour is shown in the time zone selected by the TP user.	2016-02-18 06:00
periodTo	End of the period for which the information is valid (end of the gas day or gas hour).	2016-02-19 06:00

	The hour is shown in the time zone selected by the TP user.	
countryKey	Country code of the name of the country to which the balancing zone belongs.	DE
countryLabel	Name of the country to which the balancing zone belongs.	Germany
bzKey	Unique ID of the balancing zone in the TP Database.	DE-GASPOOL-
bzShort	Abbreviation/short name of the balancing zone.	GASPOOL
bzLong	Full name of the balancing zone	GASPOOL Balancing Zone
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	DE-TSO-0005
operatorLabel	TSO name	Gasunie Deutschland Transport Services GmbH
tsoEicCode	EIC code of the TSO. The EIC code of the TSO may change over time.	21X-DE-D-A0A0A-K
directionKey	Flow direction (Entry or Exit)	Entry
adjacentSystemsKey	Unique ID of the adjacent system to the balancing zone.	Production
adjacentSystemsLabel	Adjacent system name	Production
year	Year of the date for which the information is exported.	2016
month	Name of the month for which the information is exported: 1: January 2: February …. 11: November 12: December	2
day	Date of the month for which the information is exported.	18
unit	Units in which the indicator value is presented (kWh/d, kWh/h, kWh/m³, etc.)	kWh/d
value	Value of the exported indicator	81666593
countPointPresents	Total number of points for which the indicator values is aggregated.	2
flowStatus	The status of the information (Provisional or Confirmed)	Provisional

pointsNames	List of the points which were aggregated to produce the data item, separated by "|" as delimiter.	Production (DE) (GUD) H-Gas-Summe Produktion|Production (DE) (GUD) L-Gas-Summe Produktion
lastUpdateDateTime	The date of the publication of the information.	2016-02-23 12:46

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2306 #### 7.4.7.3. CMP UNSUCCESSFUL REQUEST EXPORT FIELDS

2307

CMP UNSUCCESSFUL REQUEST EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
periodFrom	Start of the period for which the information is valid. The hour is shown in the time zone selected by the TP user.	2015-01-01 00:00
periodTo	End of the period for which the information is valid. The hour is shown in the time zone selected by the TP user.	2015-03-31 00:00
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	FR-TSO-0003
tsoEicCode	EIC code of the TSO. The EIC code of the TSO may change over time.	21X-FR-A-A0A0A-S
operatorLabel	TSO name	GRTGaz
pointKey	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00163
pointLabel	Name of the point	Liaison Nord Sud
tsoItemIdentifier	Code used by the TSO for data publication for a point. Since October 2015, only EIC codes are used as point identifiers on ENTSOG TP.	21Z000000000166L
directionKey	Flow direction (Entry or Exit)	Exit
unit	Units in which the indicator value is presented (kWh/d, kWh/h, kWh/m³, etc.)	kWh/d
itemRemarks	Item specific optional remark, which can be visualized in the exports.	Remark text could appear here if published by the TSO

generalRemarks	In case of an absence of occurrences of unsuccessful requests for firm capacity products with duration of one month or longer, the TSOs publish remark containing explanation of the case. The explanation is provided through sentences harmonized among the TSOs, i.e: “Currently there are no requests for firm capacity products on this point with duration of one month or longer that weren't successfully fulfilled.” The field is empty, in case of occurrences of unsuccessful requests for firm capacity products with duration of one month or longer and then information in the fields “requestedVolume”, “allocatedVolume”, “unallocatedVolume” and “occurenceCount” is published.	
requestedVolume	Requested capacity	26094888
allocatedVolume	Allocated capacity	1513200
unallocatedVolume	Unallocated capacity	24581688
lastUpdateDateTime	The date of the publication of the information.	2016-01-27 18:12
occurenceCount	Number of occurrences of unsuccessful requests for firm capacity during the pointed period.	31
indicator	***The indicator is not relevant for this dataset.***	*Example not applicable.*
periodType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
isUnlimited	***The indicator is not relevant for this dataset.***	*Example not applicable.*
flowStatus	***The indicator is not relevant for this dataset.***	*Example not applicable.*
interruptionType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
restorationInformation	***The indicator is not relevant for this dataset.***	*Example not applicable.*
capacityType	***The indicator is not relevant for this dataset.***	*Example not applicable.*

capacityBookingStatus	***The indicator is not relevant for this dataset.***	*Example not applicable.*
value	***The indicator is not relevant for this dataset.***	*Example not applicable.*
id	Technical identifier which is a unique fingerprint of the data item.	22014-12-31 23:00:00 +00:002015-03-30 22:00:00 +00:00FR-TSO-0003ITP-00163ExitkWh/d
dataSet	Datasets represent groups of similar data items. Possible values: 1: Transport Data indicators. 2: CMP Unsuccessful Requests 3: CMP Auctions 4: CMP Unavailable 5: Detailed Interruption data The value of the field shows the type of exported data set.	2
isCamRelevant	TRUE if the point is CAM-relevant. FALSE if the point is NON-CAM-relevant.	TRUE
isNA	***The indicator is not relevant for this dataset.***	*Example not applicable.*
originalPeriodFrom	***The indicator is not relevant for this dataset.***	*Example not applicable.*

7.4.7.1. CMP AUCTION RESULTS EXPORT FIELDS

CMP AUCTION RESULTS EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
auctionFrom	Start of the auction slot	2016-01-18 09:00
auctionTo	End of the auction slot	2016-02-10 14:00
capacityFrom	Start of the period for which the capacity was auctioned.	2016-03-01 06:00
capacityTo	End of the period for which the capacity was auctioned.	2016-04-01 06:00
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	DE-TSO-0004
tsoEicCode	EIC code of the TSO. The EIC code of the TSO may change over time.	21X000000001008P
operatorLabel	TSO name	GRTgaz Deutschland
pointKey	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00056
pointLabel	Name of the point	Oberkappel (GRTgaz D)

tsoItemIdentifier	Code used by the TSO for data publication for a point. Since October 2015, only EIC codes are used as point identifiers on ENTSOG TP.	21Z000000000161V
directionKey	Flow direction (Entry or Exit)	Exit
unit	Units in which the indicator value is presented (kWh/d, kWh/h, kWh/m³, etc.)	EUR/kWh/h
itemRemarks	Item specific optional remark, which can be visualized in the exports.	Remark text could appear here if published by the TSO
generalRemarks	In case of absence of occurrences of auctions when firm capacity products with a duration of one month or longer have cleared at prices higher than the reserve price, the TSOs publish remark containing an explanation of the case. The explanation is provided through sentences harmonized among the TSOs, i.e: “Currently there are no firm capacity products on this point with a duration of one month or longer auctioned having cleared with an auction premium”. The field is empty, in case of occurrences of auctions when firm capacity products with a duration of one month or longer have cleared at prices higher than the reserve price and then information in the fields “auctionPremium”, “clearedPrice”, “reserveprice” is published.	
auctionPremium	Auction premium	0.080151
clearedPrice	Cleared price	0.396948
reservePrice	Reserve price	0.316797
lastUpdateDateTime	The date of the publication of the information.	2016-03-01 10:38

id	Technical identifier which is a unique fingerprint of the data item.	32016-01-18 08:00:00 +00:002016-02-10 13:00:24 +00:002016-03-01 05:00:00 +00:002016-04-01 04:00:00 +00:00DE-TSO-0004ITP-00056exitEUR
dataSet	Datasets represent groups of similar data items. Possible values for the CMP related exports: 1: Transport Data indicators. 2: CMP Unsuccessful Requests 3: CMP Auctions 4: CMP Unavailable 5: Detailed Interruption data	3

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2312 #### 7.4.7.2. CMP CAPACITY MADE AVAILABLE EXPORT FIELDS

2313

CMP CAPACITY MADE AVAILABLE EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
id	Technical identifier which is a unique fingerprint of the data item.	1Available through UIOLI short-termkWh/ddayDE-TSO-0010ITP-00007entrykWh/d2016-02-182016-02-19
dataSet	Datasets represent groups of similar data items. Possible values: 1: Transport Data indicators. 2: CMP Unsuccessful Requests 3: CMP Auctions 4: CMP Unavailable 5: Detailed Interruption data The value of the field shows the type of exported data set.	1
indicator	The CMP procedure that has been applied for providing capacity in case of contractual congestion. Possible values: - Available through UIOLI short-term; - Available through Oversubscription; - Available through Surrender; - Available through UIOLI long-term.	Available through UIOLI short-term
periodType	Period Type (Day or Hour) - presents the granularity of the data.	Day

periodFrom	Start of the period for which the information is valid.	2016-02-18 06:00
periodTo	End of the period for which the information is valid.	2016-02-19 06:00
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	DE-TSO-0010
tsoEicCode	EIC code of the TSO. The EIC code of the TSO may change over time.	21X-DE-A-A0A0A-A
operatorLabel	TSO name	Bayernets
pointKey	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00007
pointLabel	Name of the point	Überackern SUDAL (AT) / Überackern 2 (DE)
tsoItemIdentifier	Code used by the TSO for data publication for a point. Since October 2015, only EIC codes are used as point identifiers on ENTSOG TP.	21Z0000000001240
directionKey	Flow direction (Entry or Exit)	entry
unit	Units in which the indicator value is presented (kWh/d, kWh/h, kWh/m³, etc.)	kWh/d
itemRemarks	Item specific optional remark, which can be visualized in the exports.	Remark text could appear here if published by the TSO
generalRemarks	In case of an absence of occurrences when capacity was made available through the application of the congestion-management procedures, the TSOs publish remark containing an explanation of the case. The explanation is provided through sentences harmonized among the TSOs, i.e: “Currently there are no request for firm capacity products on this point with a duration of one month or longer that weren't successfully fulfilled”.	

	The field is empty, in case of occurrences when capacity was made available through the application of the congestion-management procedures, and then the field “value” contains information about the capacity made available through the application of the procedure pointed in the “indicator” field.	
value	Value of the capacity made available through the application of the pointed CMP procedure for the particular period and point.	16134528
lastUpdateDateTime	The date of the publication of the information.	2016-02-19 10:52
isUnlimited	***The indicator is not relevant for this dataset.***	*Example not applicable.*
flowStatus	***The indicator is not relevant for this dataset.***	*Example not applicable.*
interruptionType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
restorationInformation	***The indicator is not relevant for this dataset.***	*Example not applicable.*
capacityType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
capacityBookingStatus	***The indicator is not relevant for this dataset.***	*Example not applicable.*
isCamRelevant	TRUE if the point is CAM-relevant. FALSE if the point is NON-CAM-relevant.	TRUE
isNA	***The indicator is not relevant for this dataset.***	*Example not applicable.*
originalPeriodFrom	***The indicator is not relevant for this dataset.***	*Example not applicable.*
isDefaultSentence	TRUE if the data item does not represent actual data, but the default sentence chosen by the TSO to indicate the reason.	FALSE
defaultSentence	The default sentence chosen by the TSO to indicate why no actual data can be provided. The field content is depends of the value of the field “isDefaultSentence”. The field “defaultSentence “ is populated when the field “isDefaultSentence” value is equal to TRUE.	

7.4.7.3. CMP UNAVAILABLE FIRM EXPORT FIELDS

CMP UNAVAILABLE FIRM EXPORT FIELDS	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
periodFrom	Start of the period for which the information is valid (start of the gas day or gas hour). The hour is shown in the time zone selected by the TP user.	2015-10-01 06:00
periodTo	End of the period for which the information is valid (end of the gas day or gas hour). The hour is shown in the time zone selected by the TP user.	2016-10-01 06:00
operatorKey	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	DE-TSO-0010
tsoEicCode	EIC code of the TSO. The EIC code of the TSO may change over time.	21X-DE-A-A0A0A-A
operatorLabel	Abbreviation of the TSO name	Bayernets
pointKey	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00007
pointLabel	Name of the point	Überackern SUDAL (AT) / Überackern 2 (DE)
tsoItemIdentifier	Code used by the TSO for data publication for a point. Since October 2015, only EIC codes are used as point identifiers on ENTSOG TP.	21Z0000000001240
directionKey	Flow direction (Entry or Exit)	entry
allocationProcess	The regular allocation process applied at the point for the particular period. Possible values: - Auction; - FCFS; - OpenSubscription.	Auction
itemRemarks	Item specific optional remark, which can be visualized in the exports.	Remark text could appear here if published by the TSO

generalRemarks	In case of an absence of occurrences when no firm capacity product with a duration of one month or longer has been offered in the regular allocation process, the TSOs publish remark containing explanation of the case. The explanation is provided through sentences harmonized among the TSOs, i.e: “Currently firm products with a duration of one month or longer are offered on this point in the regular allocation process”. The field is empty in case of occurrences when no firm capacity product with a duration of one month or longer has been offered in the regular allocation process pointed in the field “allocationProcess”.	
lastUpdateDateTime	The date of the publication of the information.	2016-01-27 18:12
id	Technical identifier which is a unique fingerprint of the data item.	42015-10-01 04:00:00 +00:002016-10-01 04:00:00 +00:0021X-DE-A-A0A0A-ADE-TSO-0010ITP-00007entryAuction
dataSet	Datasets represent groups of similar data items. Possible values: 1: Transport Data indicators. 2: CMP Unsuccessful Requests 3: CMP Auctions 4: CMP Unavailable 5: Detailed Interruption data The value of the field shows the type of exported data set.	4
indicator	***The indicator is not relevant for this dataset.***	*Example not applicable.*
periodType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
unit	***The indicator is not relevant for this dataset.***	*Example not applicable.*
value	***The indicator is not relevant for this dataset.***	*Example not applicable.*

isUnlimited	***The indicator is not relevant for this dataset.***	*Example not applicable.*
flowStatus	***The indicator is not relevant for this dataset.***	*Example not applicable.*
interruptionType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
restorationInformation	***The indicator is not relevant for this dataset.***	*Example not applicable.*
capacityType	***The indicator is not relevant for this dataset.***	*Example not applicable.*
capacityBookingStatus	***The indicator is not relevant for this dataset.***	*Example not applicable.*
isCamRelevant	TRUE if the point is CAM-relevant. FALSE if the point is NON-CAM-relevant.	TRUE
isNA	***The indicator is not relevant for this dataset.***	*Example not applicable.*
originalPeriodFrom	***The indicator is not relevant for this dataset.***	*Example not applicable.*

7.4.7.4. TARIFF FULL – EXPORT FIELDS

Tariff Full	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
Tariff Period	Describes the tariff period for which the record is valid	2017-01-01T06:00:00+01:00 - 2018-01-01T06:00:00+01:00
Tariff Period Remarks	Comments to the tariff period	This tariff period lasts from February 1st 2017 - January 1st 2018.
Point Name	Name of the point for which the record is valid.	Wallbach
Point Identifier (EIC)	EIC code of the point for which the record is valid	21Z0000000001216
Direction	Flow direction for which the record is valid	Exit
Operator	TSO operating the point for which the record is valid	Fluxys TENP
Country code	Short name for the country where the point is located in.	DE

Connection	Describes which other operators are operating the point.	Fluxys TENP -> Swissgas, Fluxys TENP -> FluxSwiss, Fluxys TENP -> Open Grid Europe
Remarks fo connection	Remarks elaborating on the connection of operators at a point.	
From BZ	Describes the start balancing zone (depending on the flow direction).	BeLux
To BZ	Describes the end balancing zone (depending on the flow direction)	NCG
Start time of validity	Describes the starting point in time when a given tariff is valid.	2017-01-01T06:00:00+01:00
End time of validity	Describes the ending point in time when a given tariff ceases to be valid.	2018-01-01T06:00:00+01:00
Capacity Type	Describes if the capacity type for which the record is valid is firm or interruptible	Firm
Unit	Describes the relevant unit of the capacity type for which the record is valid	kWh/h
Product type according to its duration	Describes the duration of the product for which the record is valid. On the TP you may find yearly, quarterly, monthly, daily and withinday products in the tariff section.	Yearly
Multiplier	Factor applied to the respective proportion of the reference price in order to calculate the reserve price for a non-yearly standard capacity product	1.25000000
Remarks for multiplier		Multiplier for monthly products.
Discount for interruptible capacity	Probability for interruption of interruptible capacity, expressed as a value 0-1 or NA	0.30000000
Remarks for discount	Explanation to support the user in understanding the applied discount.	30% discount

Seasonal factor	Factor reflecting the variation of demand within the year which may be applied in combination with the relevant multiplier.	0.65000000
Remarks for seasonal factor	Explanation to support the user in understanding the applied seasonal factor.	Seasonal factor for Q2 (Apr-Jun)
Operator Currency	The currency in which the tariffs are settled.	CZK
Applicable tariff per kWh/d (local)	The value of the tariff in a daily capacity unit in local currency.	0.01393269
Local Currency/ kWh/d	The full unit for the tariff in a daily capacity unit and the settlement period in local currency.	CZK/(kWh/d)/h
Applicable tariff per kWh/h (local)	The value of the tariff in an hourly capacity unit in local currency.	0.33438456
Local Currency/ kWh/h	The full unit for the tariff in an hourly capacity unit and the settlement period in local currency.	CZK/(kWh/h)/h
Applicable tariff per kWh/d (Euro)	The value of the tariff in a daily capacity unit in euros.	0.10833337
EUR / kWh/d	The full unit for the tariff in a daily capacity unit and the settlement period in euros.	Euro/(kWh/d)/y
Applicable tariff per kWh/h (Euro)	The value of the tariff in an hourly capacity unit in euros.	2.60000085
EUR / kWh/h	The full unit for the tariff in an hourly capacity unit and the settlement period in euros.	Euro/(kWh/h)/y
Remarks for applicable tariff	Comments pertaining to the previous 8 fields describing the applicable tariffs for standard products in hourly and daily capacity units, in local currency and euros.	A zero tariff currently applies for Capacity and Commodity. A registration fee of €26,253 per shipper applies at the point. https://www.cru.ie/wp-content/uploads/2016/08/CER17275-Gas-Transmission-Tariffs-2017_18-Decision-Paper.pdf

Applicable tariff in common unit	Value of the tariff in a common unit. The common unit is added as additional information for harmonisation purposes (principle of the greatest common divisor to allow every TSO to convert its tariffs into the common unit).	0.00008300
EUR/kWh/h/d for all products EUR/kWh/h/h for within-day	Shows which of the two possible units are applicable to the value in the previous field.	Euro/(kWh/h)/h
Remarks for applicable tariff in common unit	Field for adding further explanation to the common unit.	The applicable tariff in common unit is provided for comparison reasons only.
Applicable commodity tariff per kWh, if any, in the Local Currency	Value for a commodity tariff, also know as flow-based charges, in local currencies.	0.00030992
Applicable commodity tariff per kWh, if any, in the EURO	Value for a commodity tariff, also know as flow-based charges, in euros.	0.00030992
Remarks for applicable commodity	Further explanation to the commodity tariff.	The commodity tariff approved for year 2017 is equal to 0,003375 E/scm and it is applied to physical volumes. The value shown has been converted in E/kWh using a weighted average GCV for the Thermal Year 2017/18.
Last Update Date	The date and time when the record was last updated.	2017-12-15 12:15
Exchange Rate Reference Date	The date and time when the calculations from local currencies to euros was last performed.	2017-12-20T04:19:29+01:00
Remarks	General remark field relating to the record in general.	This is a Virtual Interconnection Point. This point consists of Lwowek (21Z000000000167J) and Wloclawek (21Z000000000168H).
Operator key	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	PL-TSO-0001
Tso Eic code	EIC code of the TSO. The EIC code of the TSO may change over time.	21V000000000003V

Point key	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00293

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2320 #### 7.4.7.5. TARIFF SIMULATION – EXPORT FIELDS

2321

TARIFF Simulation	MEANING OF THE FIELD TITLE	POSSIBLE VALUES / EXAMPLE
Tariff Period	Describes the tariff period for which the record is valid	2017-01-01T06:00:00+01:00 - 2018-01-01T06:00:00+01:00
Tariff Period Remarks	Comments to the tariff period	This tariff period lasts from February 1st 2017 - January 1st 2018.
Point Name	Name of the point for which the record is valid.	Wallbach
Point Identifier (EIC)	EIC code of the point for which the record is valid	21Z0000000001216
Direction	Flow direction for which the record is valid	Exit
Operator	TSO operating the point for which the record is valid	Fluxys TENP
Country code	Short name for the country where the point is located in.	DE
Connection	Describes which other operators are operating the point.	Fluxys TENP -> Swissgas, Fluxys TENP -> FluxSwiss, Fluxys TENP -> Open Grid Europe
Remarks fo connection	Remarks elaborating on the connection of operators at a point.	
From BZ	Describes the start balancing zone (depending on the flow direction).	BeLux
To BZ	Describes the end balancing zone (depending on the flow direction)	NCG

Capacity Type	Describes if the capacity type for which the record is valid is firm or interruptible	Firm
Unit	Describes the relevant unit of the capacity type for which the record is valid	kWh/h
Product type according to its duration	Describes the duration of the product for which the record is valid. On the TP you may find yearly, quarterly, monthly, daily and withinday products in the tariff section.	Yearly
Operator Currency	The currency in which the tariffs are settled.	CZK
Simulation of all the costs foe flowing 1 GWh/day/year in Local currency	Simulation of all the costs for flowing 1 GWh/day/year in Local currency. This value is based on the average price for quarterly products.	615341.00000000
Simulation of all the costs for flowing 1 GWh/day/year in EUR	Simulation of all the costs for flowing 1 GWh/day/year in Local currency. This value is based on the average price for quarterly products.	146366.87995053
Remars for Simulation costs	Additional explanation for how the TSO has calculated the simulation, including listing the parameters which are taken into account.	The costs include capacity charges, commodity charges and transmission costs.
Last Update Date	The date and time when the record was last updated.	2017-12-15 12:15
Exchange Rate Reference Date	The date and time when the calculations from local currencies to euros was last performed.	2017-12-20T04:19:29+01:00
Remarks	General remark field relating to the record in general.	This is a Virtual Interconnection Point. This point consists of Gubin Gaz-System - PL / Guben ONTRAS DE (21Z000000000089D) and Lasów (EIC 21Z000000000057Q).
Operator key	Unique ID of the TSO in the TP Database. Contrary to the EIC codes, this ID can never change.	PL-TSO-0001

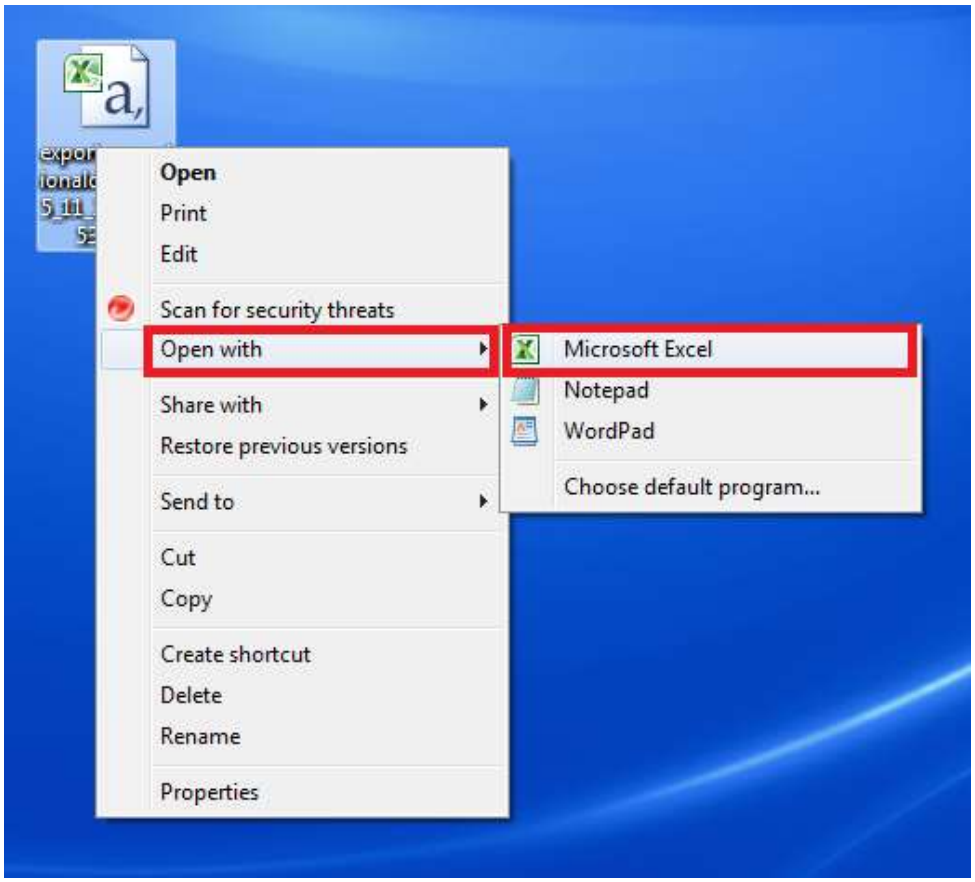
Tso Eic code	EIC code of the TSO. The EIC code of the TSO may change over time.	21V000000000003V
Point key	Unique ID of the point in the TP Database. Contrary to the EIC codes, this ID can never change.	ITP-00293

How to open a CSV document in XLS/XLSX (MS Excel) file?

Once you have exported the information of your interest in CSV file format you could easily open and save it in XLS/XLSX (MS Excel) format.
There are many possibilities. Two of them are presented in the examples below.

Follow the next 3 steps:

1. Click with the right mouse button on the file in CSV format;
2. Press on **Open with** and
3. Select **MS Excel**.

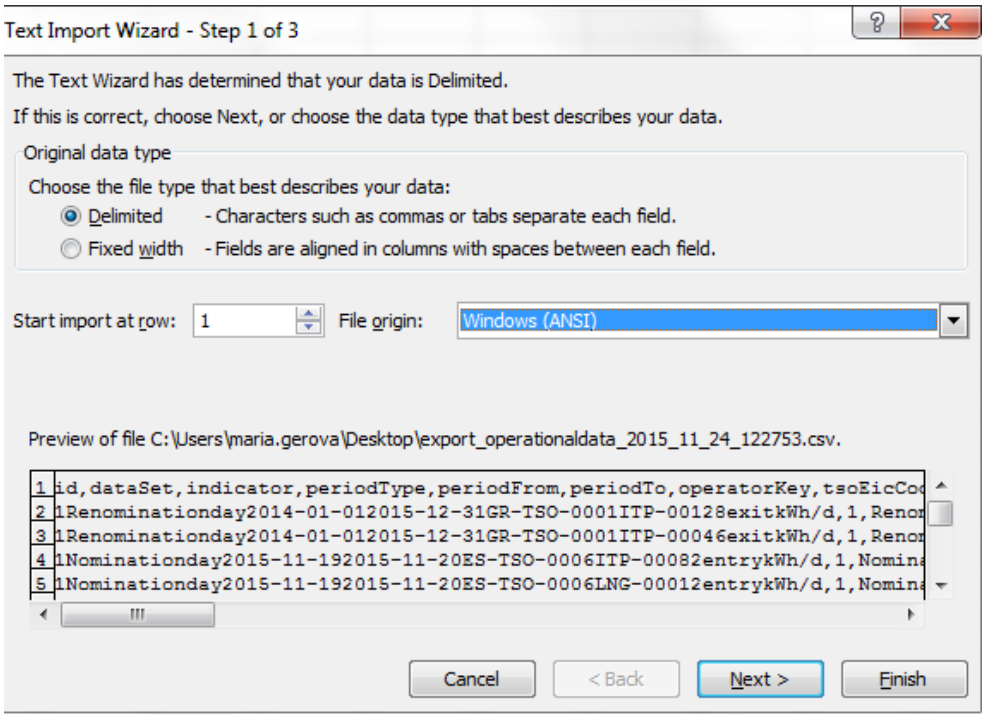


EXAMPLE

Another possibility is to open and convert a CSV file that you exported form ENTSOG TP in XLS/XLSX (MS Excel) format is to use the **Open** command of MS Excel.

1. Open MS Excel;
2. On the **Data** tab, in the **Get External Data** group, click **From Text**. Then, in the **Import Text File** dialog box, browse to the CSV file that you exported form ENTSOG TP and double-click on it.
3. Follow the Text Import Wizard steps:

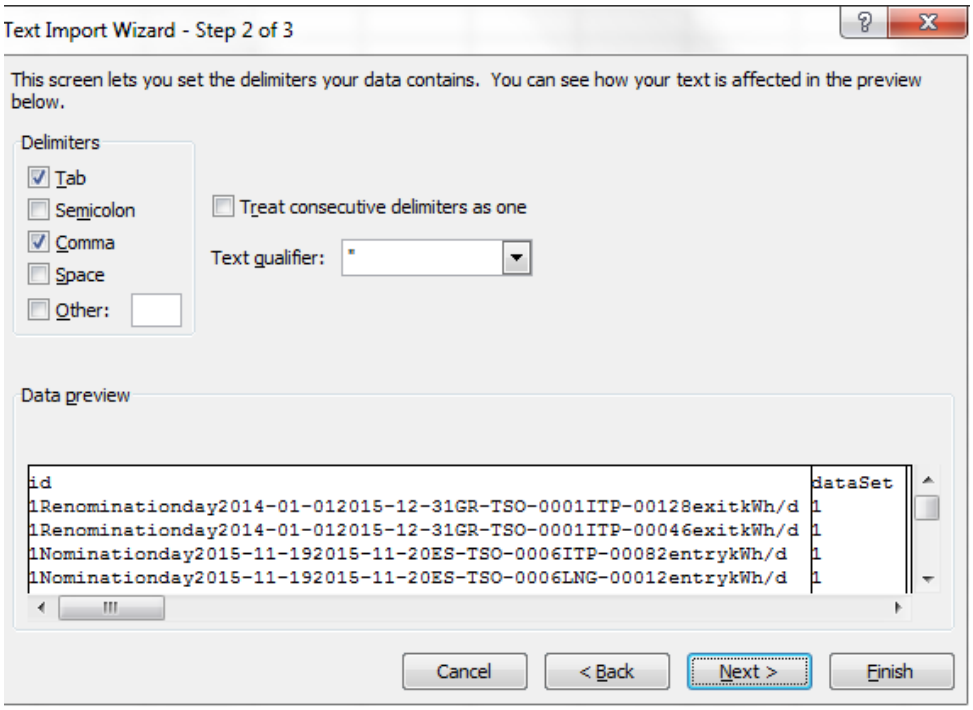
   Step 1: Set the following settings:
   Original data type: Delimited
   File origin: Windows (ANSI)



Step 2: Set the following settings:

Delimiters: Select Comma

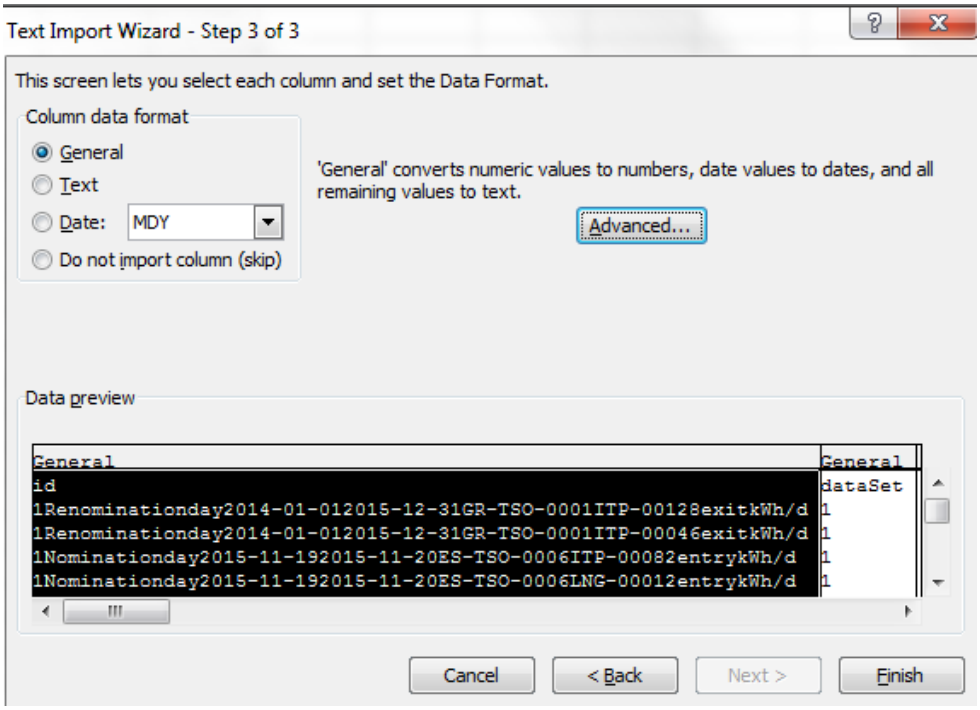
Text qualifier: Leave the default option quotation mark (")



Step 3: Set the following settings:

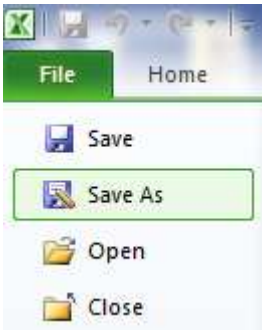
Column Data Format: General

Select **FINISH.**



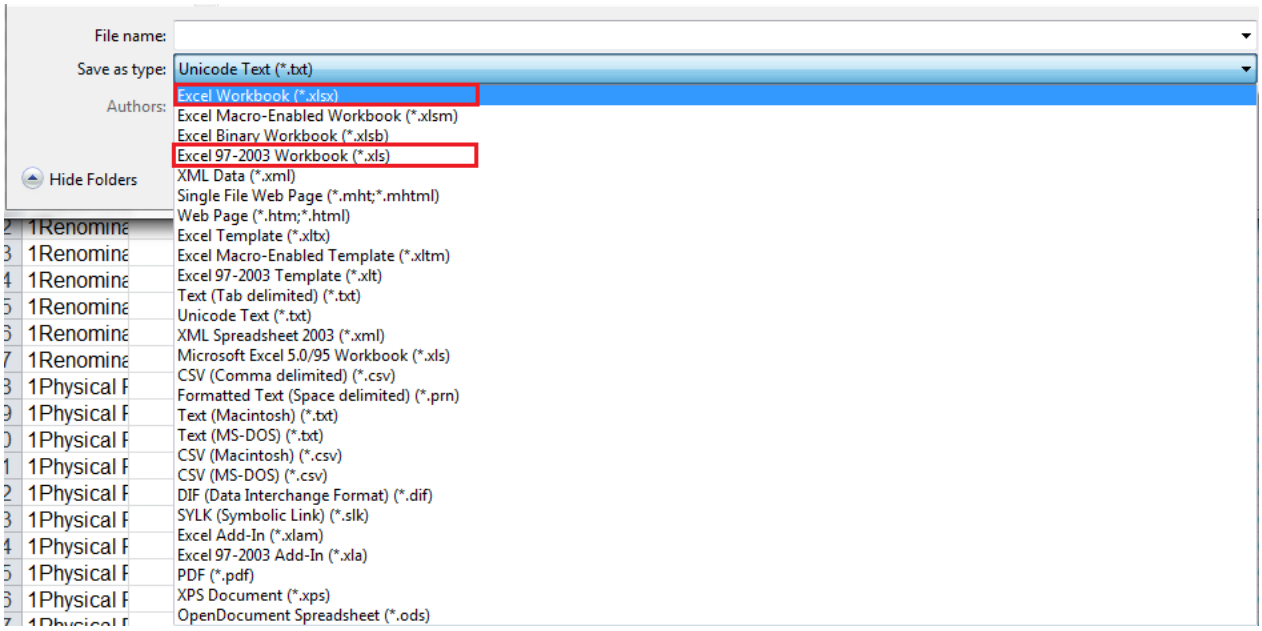
Opening a text file (*.CSV or *.TXT) in MS Excel does not change the format of the file — you can see this in the Excel title bar, where the name of the file retains the text file name extension (for example, .txt or .csv).

To convert the opened CSV file in XLS/XLSX format, go to **File** menu, select **Save as** option:

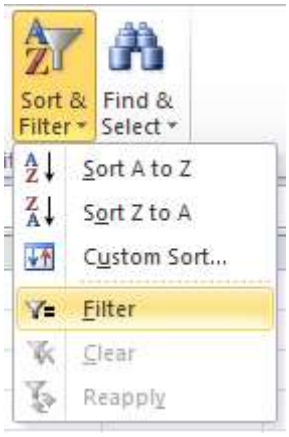


and Save the file as:

Excel Workbook (***.xlsx**) or
Excel 97-2003 Workbook (***.xls**):

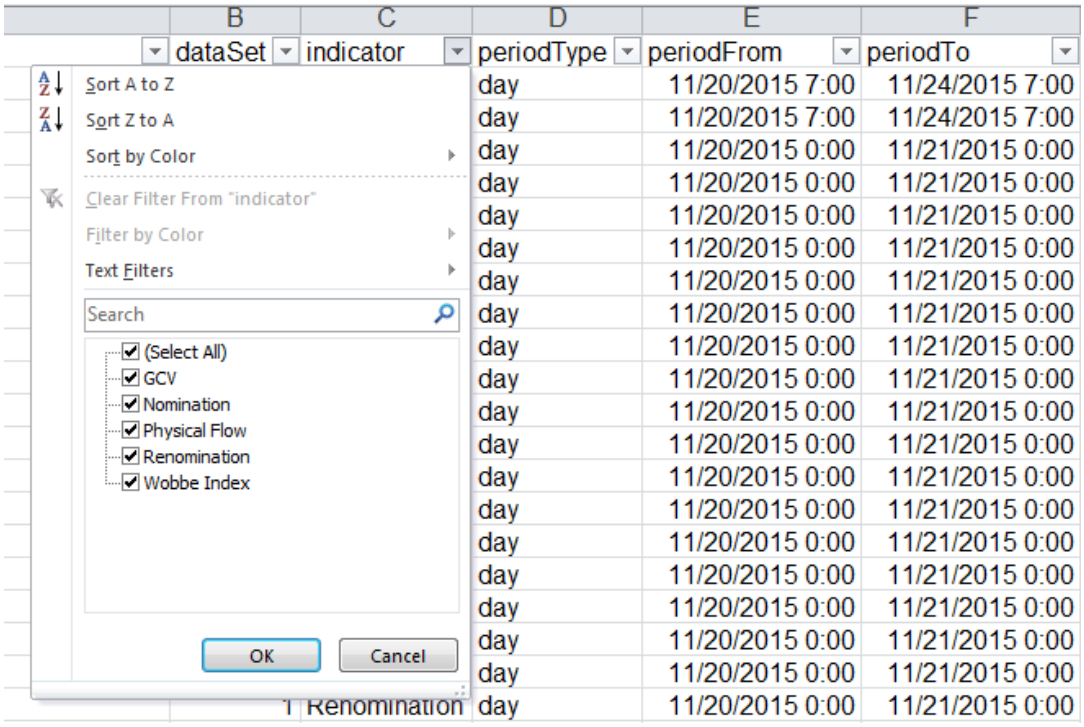


You can apply some filtering options on the extracted data by the using the MS Excel option **Sort & Filter**.
Go to **Home** menu, select **Sort & Filter** and press on **Filter** option.



Filtering controls (Arrow ▼ sign) automatically are added to the table headers.
For quick filtering, do this:

1. Click the arrow in the table header of the column you want to filter.
2. In the list of text or numbers on the drop-down many that appears, uncheck the **(Select All)** box at the top of the list, and then check the boxes of the items you want to show in your table.

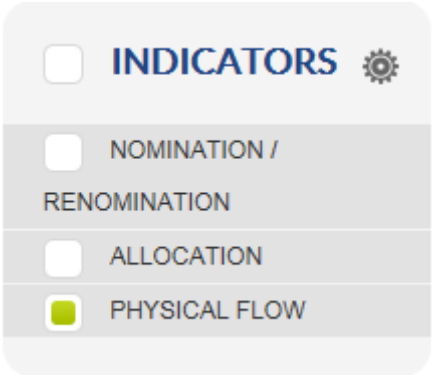


7.5. ZONES DATA PANEL TABS

7.5.1. ZONE DATA INDICATORS

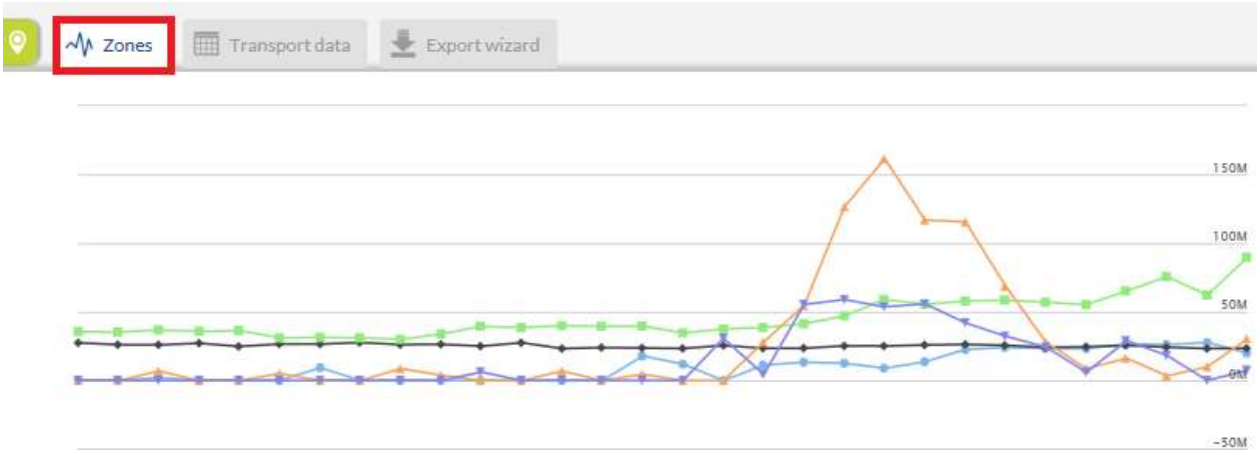
THE INDICATORS FOR WHICH DATA COULD BE DISPLAYED FOR A ZONE ARE:

- Physical flow – aggregated physical flow in entry or exit direction (to or from) the zone;
- Allocations – aggregated allocated quantities in entry or exit direction of the zone;
- Nominations – aggregated nominated capacity at all entry or at all exit points to or from the zone.

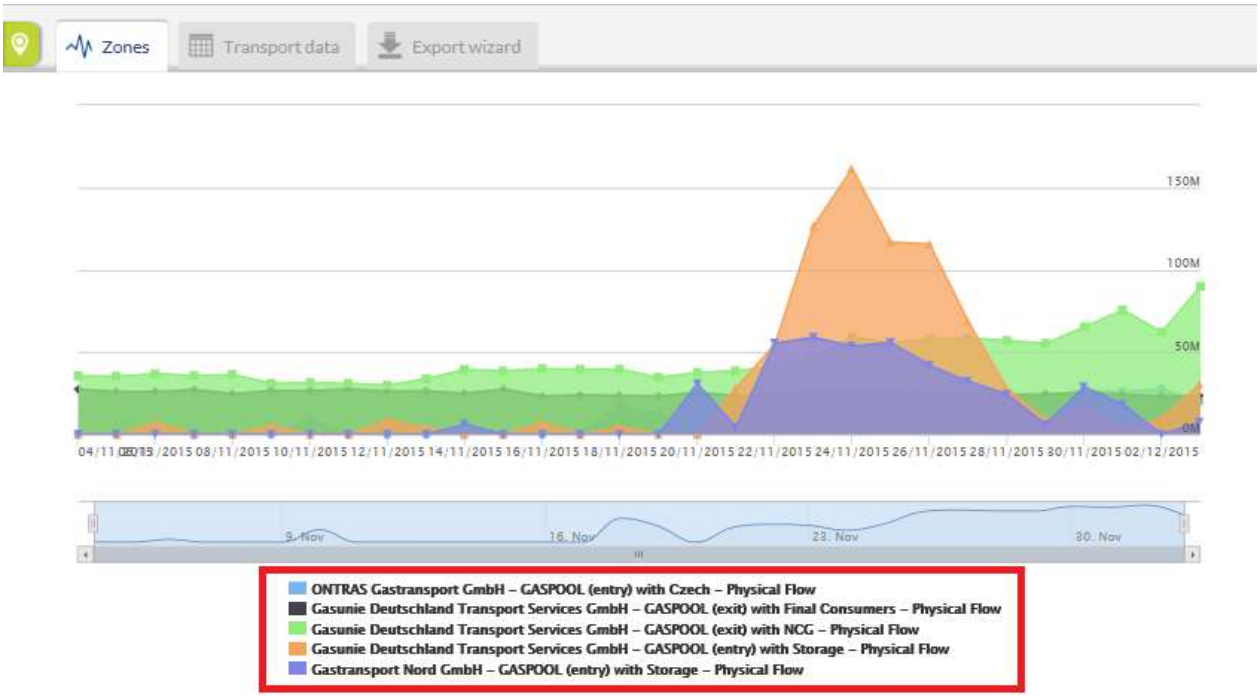


7.5.2. ZONES TAB

In the Zones tab information about the selected zone(s) and indicator(s) (physical flow, allocation data, nomination information) is presented in graphical way:

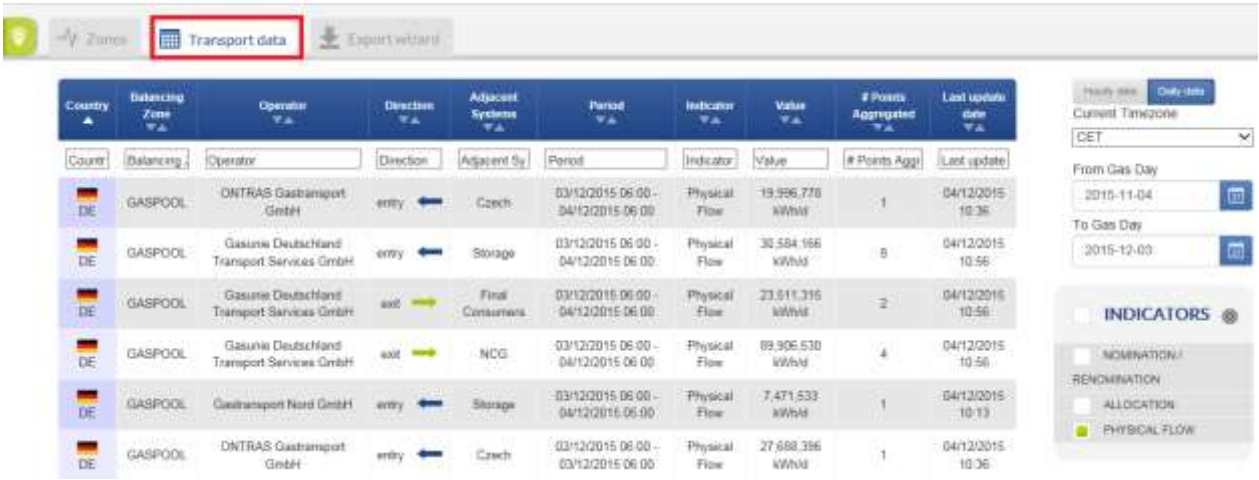


The list of the selected zones, including the names of the operators and adjacent zones, as well as the indicator for which the data is displayed on the graph, are listed below the data panel:



7.5.3. TRANSPORT DATA TAB

In the Transport data tab the information about the selected zones(s) and indicator(s) in numerical way is presented:



The information presented on the Transport data panel can be sorted based on one or several parameters simultaneously:

The sorting could be done based on:

- Country name;
- Balancing zone name;
- Operator name;
- Direction;
- Adjacent system name;
- Validity period;
- Indicator;
- Value;
- Number of Aggregated points;
- Update date.

To sort the data based on one parameter, simply press on the name of the parameter on the Parameter bar.

The sorting functionalities at Zone Transport data tab are similar to the sorting possibilities of Points Transport data Tab. For more details, please go to point 7.4.2.

7.5.4. EXPORT WIZARD TAB

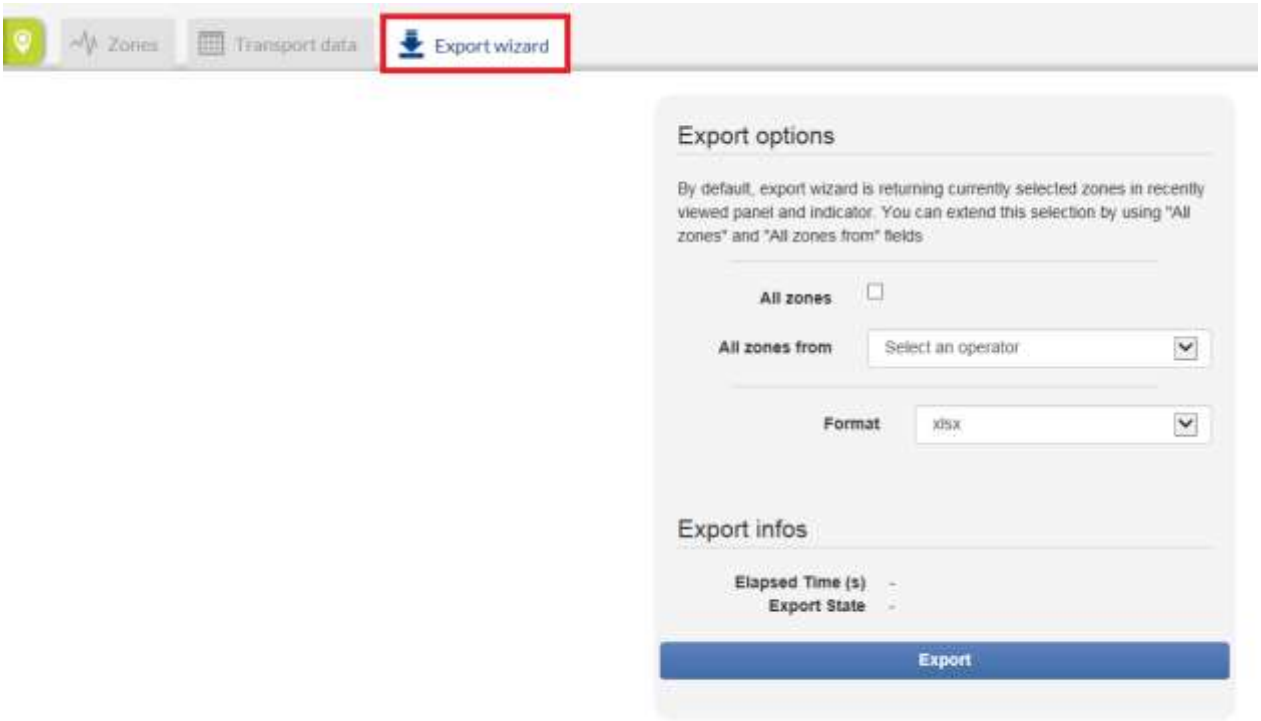
The Export Wizard Tab leads the users to the TP Export Tool. The TP Export Tool allows manual export of points and zones information.

The functionalities and the points information export options are explained in the next points: 7.4.6.1 to 7.4.6.3.

The functionalities and states of the zones information export tool repeat these of the points' information export tool.

Through the Export wizard the TP users can export information in CSV, XLSX and XML format. The users can choose to export information either for all zones defined on the TP or by selecting a TSO for whose balancing zone(s) the data to be exported.

For description of the zone's information exportable through TP Export Wizard, please refer to point 7.4.6.3.

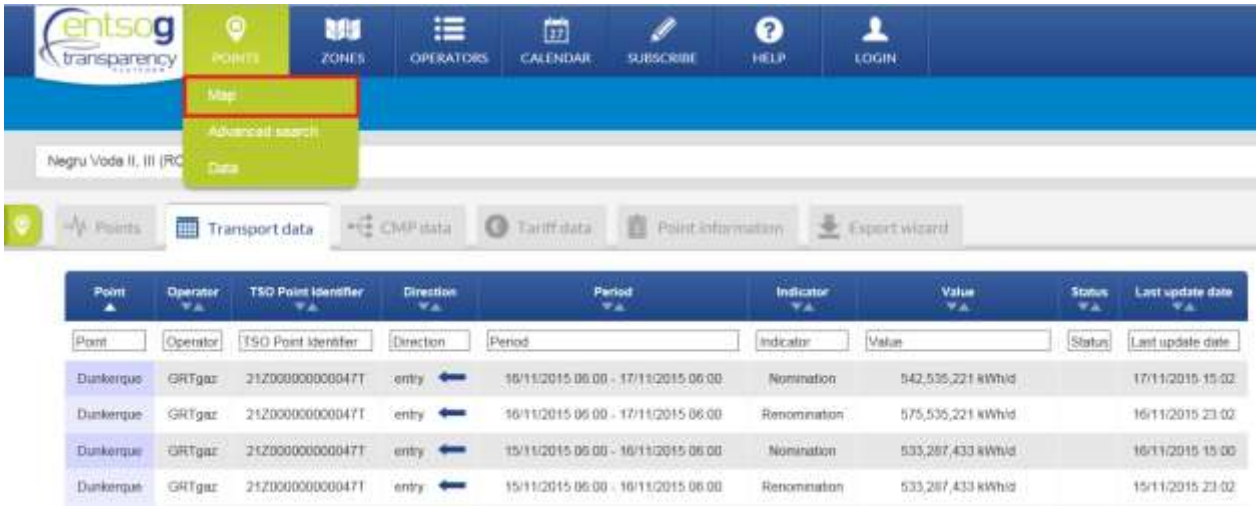


7.6. REDIRECTION OPTIONS

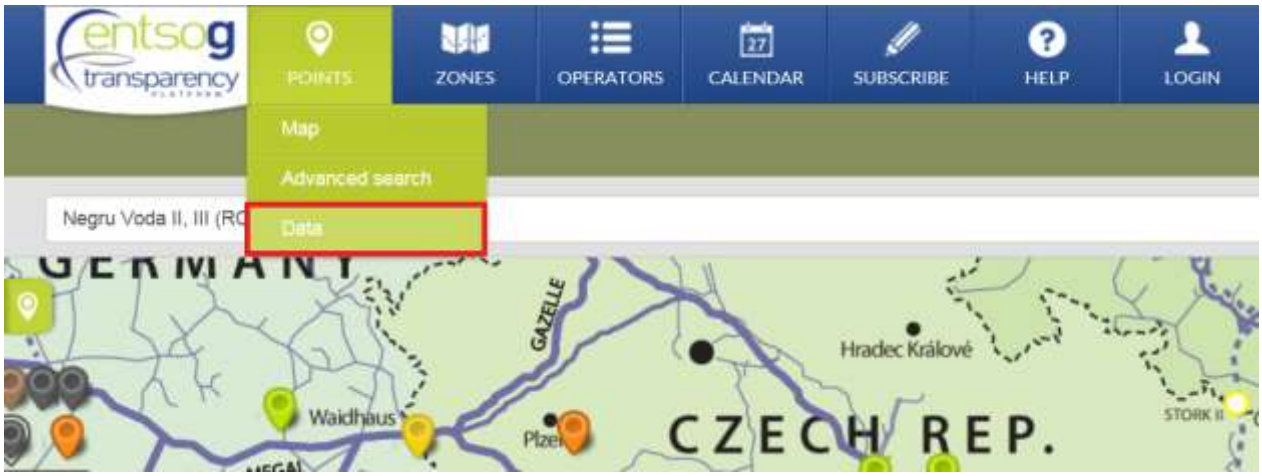
How to access the TP Map from TP Data part without losing the currently displayed information?

If you are currently exploring information at TP Data part for one or more points but you need to check something on the TP Map and return again to the Data graph, Transport data or whatsoever of the displayed Data Tabs follow the next steps:

- Move the mouse cursor on the Point menu without clicking on it. When the drop-down menu appears, click on the Map:



- To Return from the TP Map to the previously displayed data – move again the mouse cursor on the Point menu and on the drop-down menu, click on the Data:



8. FEEDBACK

Dear ENTSOG TP User,

We would like to thank you for your interest to our Transparency Platform.

You have now reached the end of this manual. We hope you have found it useful.
We would appreciate your feedback and suggestions on how to improve its content and to facilitate your experience with the ENTSOG Transparency Platform.

Should you require more examples or details on any specific parts of the manual, please do not hesitate to contact us by using the following email:

transparency@entsog.eu

Kind regards,

ENTSOG TP Development team