Open Grid Europe
The Gas Wheel

Network data Dashboard

Manual

Version 2.0 / 26.09.2016
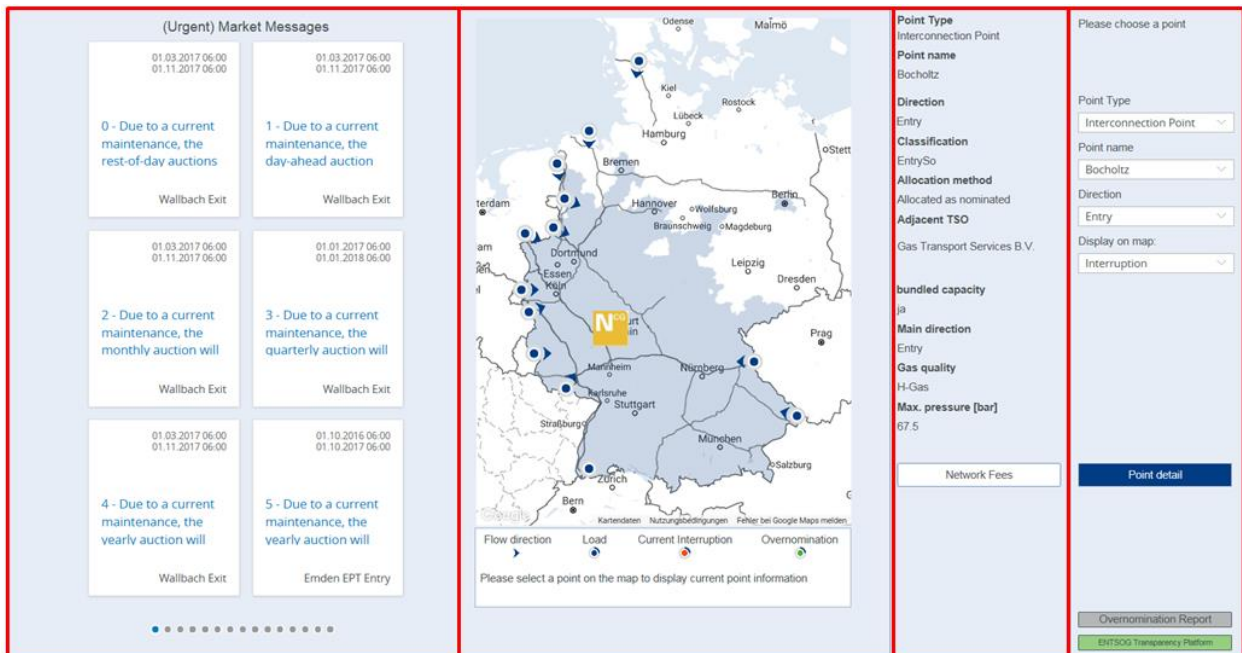
1. The Main Panel

Displayed at the top of the screen is the "main panel". Via the button **„EN/DE"** the language can be changed between English and German.

The **„Download"**-button exports the shown table as an excel-file.

The "**Return**"-button leads you to the page last selected. By pressing the "**Home**"-button you can always get back to the start page.
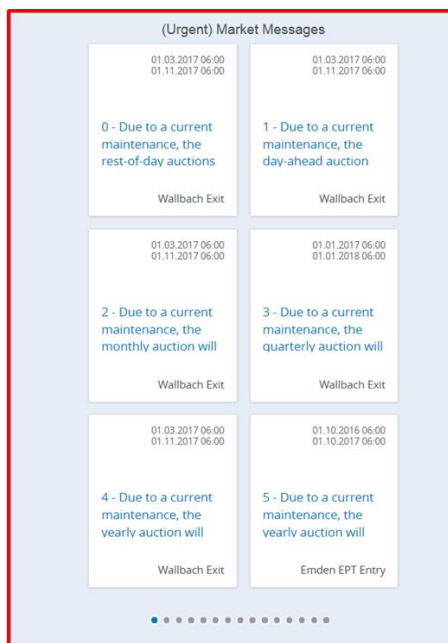
2. The Start Page


The "start page" contains four different areas:

- The (Urgent) Market Messages feed
- The map
- Static point information including the network fees
- The filter bar with the link to "Point detail", the "Overnomination Report" and the "ENTSOG Transparency Platform".

2.1. The (Urgent) Market Messages feed

Inside of the (U)MM feed the latest (Urgent) Market Messages for the grid of Open Grid Europe are shown. They are sorted in chronological order. By clicking on the respective (U)MM further details regarding the market message are shown. Please note that (U)MMs inside of the Dashboard are updated every hour. Detailed information regarding Open Grid Europe's market messages can be found inside our UMM-tool.

2.2. The Map
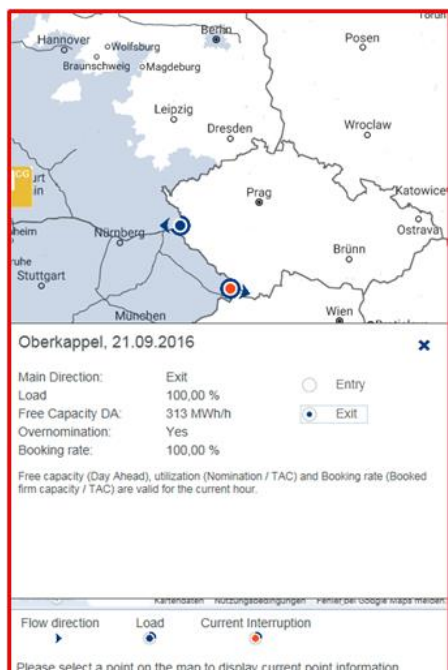
In the map the actual flow direction as an arrow, the load (defined as Nomination / TAC) and actual interruptions or the possibility of overnomination (when selected in the filter bar) are displayed. By clicking on one of the point symbols in the map, further point details can be accessed like the actual load (Actual Nomination / TAC), the free Day-Ahead capacitiy, the "Booking rate" for firm capacity (Booked firm capacity / TAC) as well as the information concerning the overnomination possibility for a specific direction.

2.3. Point Information

Here the static information for the selected point are stated. By clicking on „Network Fees" the tariff for the selected point and flow direction is displayed in detail. Please note that the stated transportation fee is the tariff according to the Gas Network Charges Ordinance (GasNEV). The BEATE-discount at storage facilities in the amount of 50% will be applied to this fee. For storage facilities with access to two market areas the transport fees according to our price sheet for bookable products at storage facilities apply.
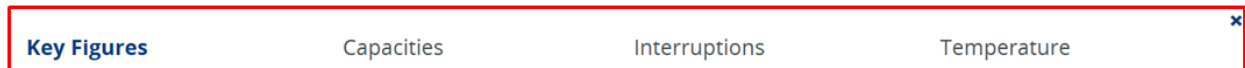
2.4. The Filter Bar

Here the point type, the point and the flow direction can be chosen for which the detailed information shall be displayed. By clicking the button "Point detail" all further point information are displayed. At the bottom of the bar the "Overnomination Report" can be accessed and below a link leads to the ENTSOG Transparency Platform.

The "Point detail" view is divided into three parts:

- The selection tab
- The filter bar
- The presentation slide

3. Components of the Point Detail view

3.1. The Selection Tabs

Here you can choose which point information should be displayed: Key Figures, Capacities, Interruptions or Temperature. At first always the tab "key figures" is shown, highlighted in a bold blue print.

3.2. The Filter Bar

In the filter bar you can select the point and direction for which the chosen details should be displayed in the presentation slide. Also additional filters can be applied.

Grey disposed panels always lead to a data report. All data of these WebIntelligence report can also be exported.

3.3. The Presentation Slide

Depending on the choice made at the filter bar the information will be display in a graphical and tabular form.

4. The Tabs

4.1. Key Figures

In the tab „key figures" the different point details, e.g. the technical available capacity, the booked firm and interruptible capacity, nominations or the physical flow are displayed in a graphical and tabular form inside of the presentation slide.
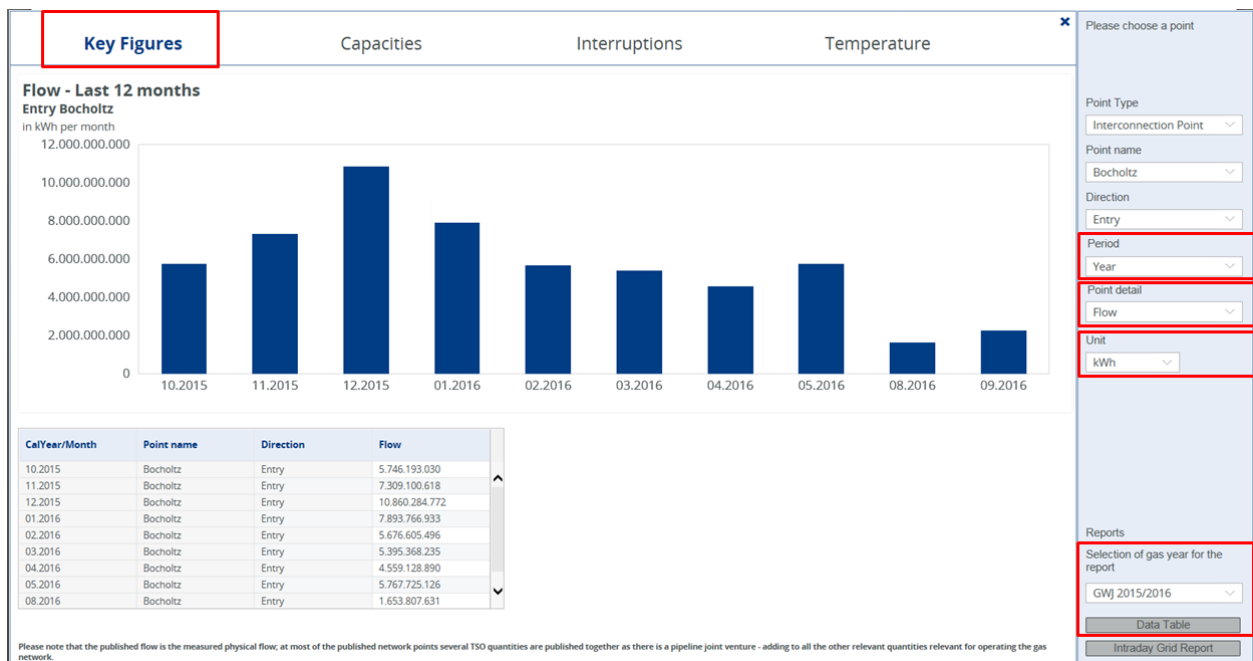
In the selection box "Period" it can be chosen if the monthly sum for the period of the last 12 months (select: Year), the daily sum for each day of a month (select: Month) or the hourly values for the last seven gas days (select: Days) of the selected "Point detail" should be displayed. To switch between the months please use the arrows on the left and right side of the graph.

In the selection box "Point detail" the displayed key figure can be chosen.

In the selection box "Unit" the unit in which the data inside the graph and the table are shown can be selected. A choice between kWh, MWh and GWh is possible.

In the filter bar displayed under „Reports" are two links that lead to WebIntelligence reports.

After you have chosen a gas year clicking on „Data Table" the hourly report for all the key figures is opened for the selected point.

By clicking on „Intraday Grid Report" a WebIntelligence report showing the actual hourly renominations for each point is displayed.

4.2. Capacities

For the chosen point and direction the marketable and already marketed capacities are shown separately between the different capacity categories (FZK, BZK and bFZK).
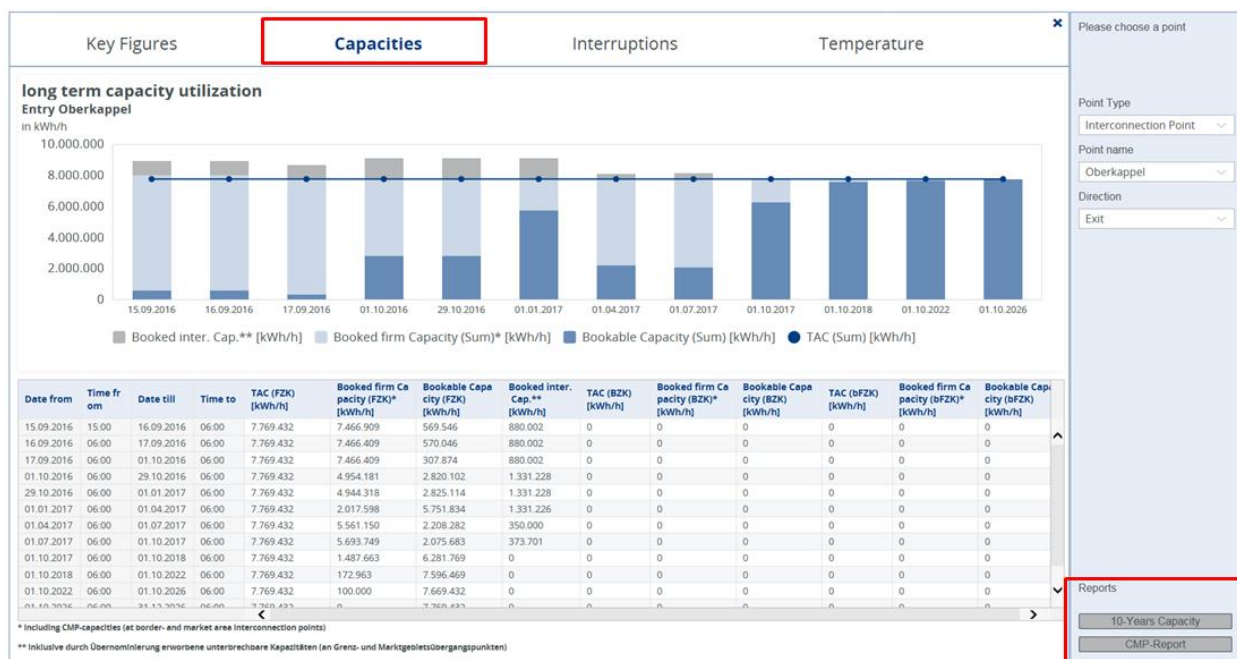
The presentation is made via a bar chart which shows the marketable and marketed capacities for certain time periods in the future.
This information is also stated in a table displayed below the graphical presentation. For the capacity categories FZK and BZK "Booked firm Capacity" and "Bookable Capacity" include capacities made available through congestion measurement procedures. For "Booked interruptible Capacity" capacities marketed through overnomination are included.
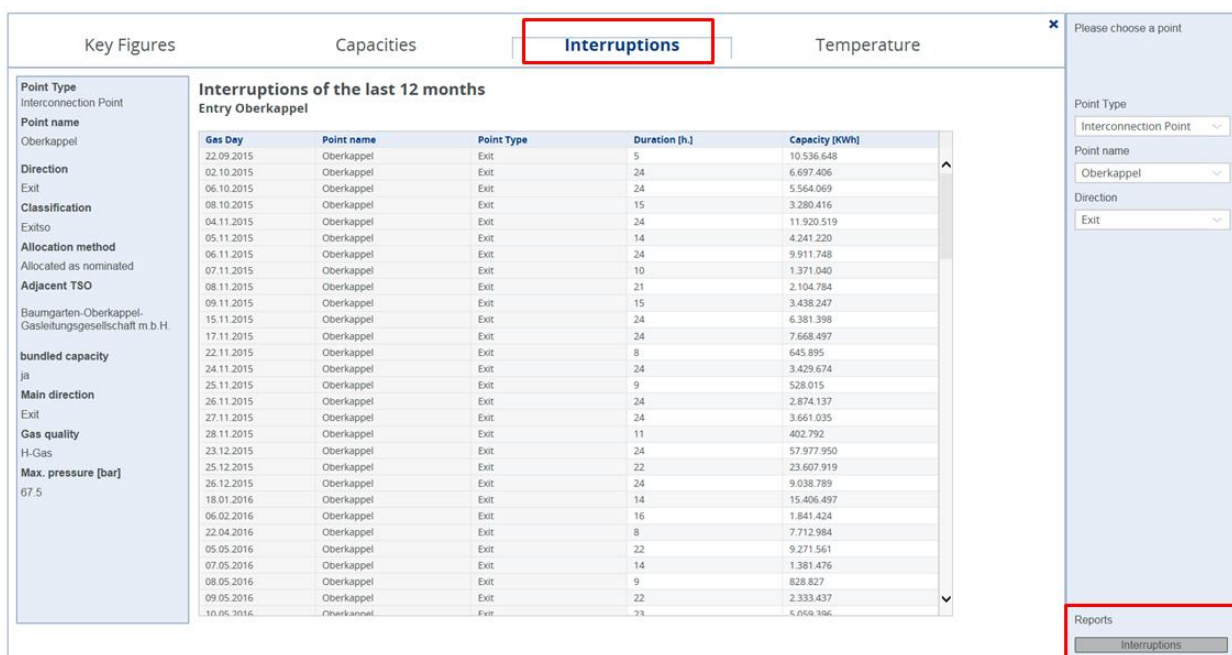
The button „10-Years-Capacity" opens a WebIntelligence report which displays the marketable capacities for the selected point and flow direction for the next ten gas years. The button "CMP-Report" leads to a WebIntelligence report stating the hourly capacities made available and marketed through congestion management procedures.

4.3. Interruptions

In the tab „Interruptions" for each selected point and flow direction for the last 12 months the date, duration and amount of interrupted capacity (in kWh) are displayed.
Additional the static point information are shown.

The link „Interruptions" leads to a WebIntelligence report stating the interruptions of the last 12 months for all points in the network of Open Grid Europe.

4.4. Temperatures

By choosing the tab "Temperatures" the marketable capacity for all storage connection points for the next gas day is shown. By clicking on the storage name inside of the table the time course of the temperature forecast for the specific storage is shown in a diagram below. On basis of this forecast the ratio between the firm and interruptible capacity for the next gas day will be determined.

The button „Ratio bFZK" displays the ratio of the bFZK product for the allocation of the capacity between firm and interruptible capacity depending on the temperature for the selected flow direction.
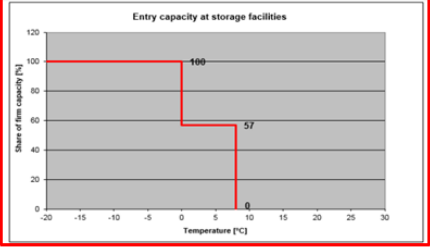

By clicking on „X" in the top right corner of the bFZK-Ratio diagram, the diagram can be closed.

The button „Historical Data" leads to a Web Intelligence report showing the historical temperature values and the bFZK-ratio for each day since 1 January 2015.