

# Network data Dashboard

## Manual



Version 2.0 / 26.09.2016

## 1. The Main Panel



Transparency Dashboard

Open Grid Europe  
The Gas Wheel

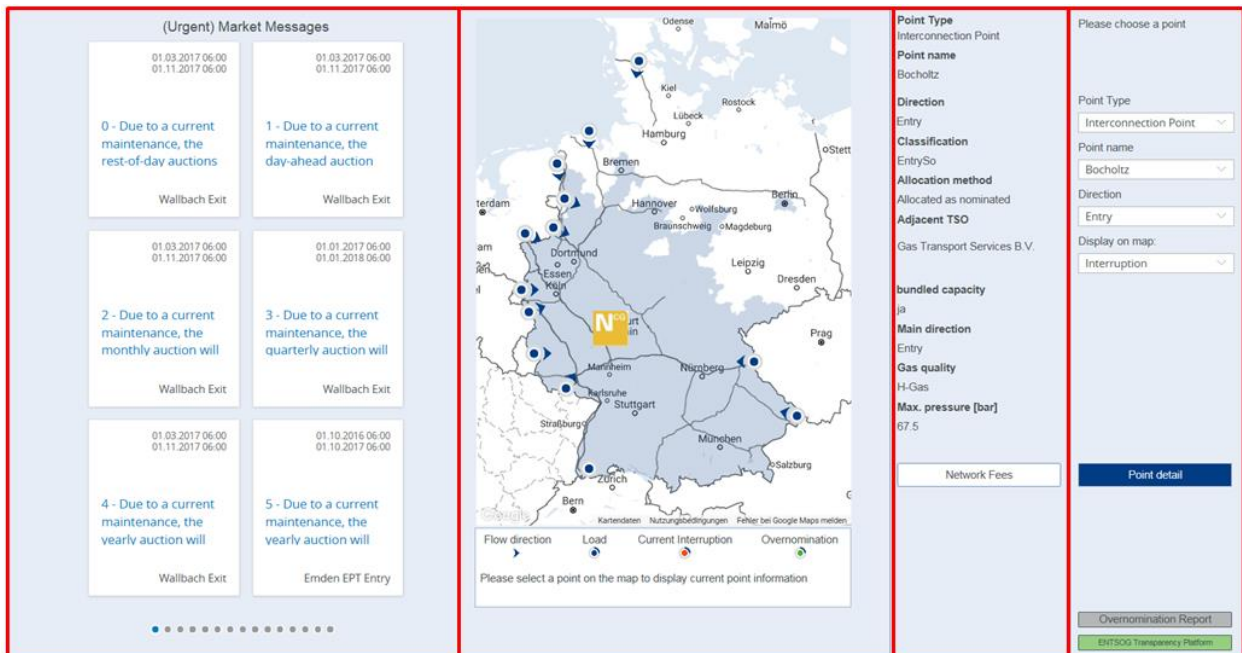
EN DE

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



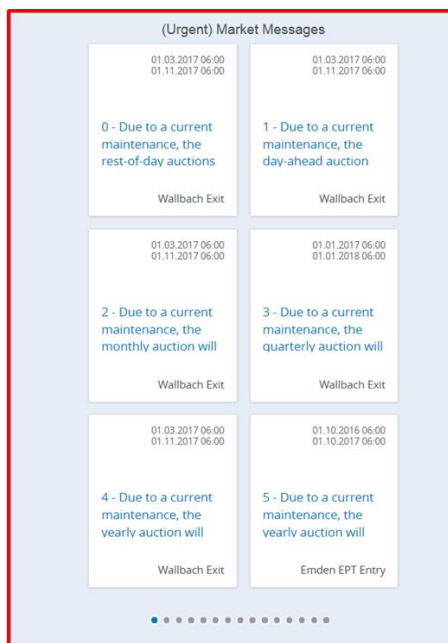
The screenshot shows the start page of the Open Grid Europe Transparency Dashboard. It is divided into four main sections:

- (Urgent) Market Messages:** A grid of five message cards, each with a date range and a brief description of a market event (e.g., "Due to a current maintenance, the rest-of-day auctions"). Each card has a "Wallbach Exit" button.
- Map:** A map of Central Europe showing gas interconnection points. A yellow box highlights a specific point. Below the map are filters for "Flow direction", "Load", "Current", "Interruption", and "Overnomination".
- Point Type Information:** A sidebar on the right showing details for the selected point (Bocholtz). It includes fields for Point name, Direction, Classification, Allocation method, Adjacent TSO, bundled capacity, Main direction, Gas quality, and Max. pressure [bar].
- Navigation and Reports:** At the bottom right, there are buttons for "Network Fees", "Point detail", "Overnomination Report", and "ENTSOG Transparency Platform".

The “start page” contains four different areas:

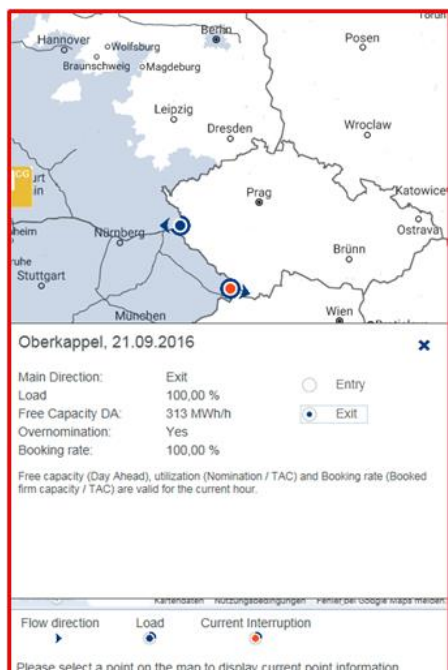
- The (Urgent) Market Messages feed
- The map
- Static point information including the network fees
- The filter bar with the link to “Point detail”, the “Overnomination Report” and the “ENTSOG Transparency Platform”.

## 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 capacity, 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

Point Type  
Interconnection Point

Point name  
Bocholtz

Direction  
Entry

Classification  
EntrySo

Allocation method  
Allocated as nominated

Adjacent TSO  
Gas Transport Services B.V.

bundled capacity  
ja

Main direction  
Entry

Gas quality  
H-Gas

Max. pressure [bar]  
67.5

Network Fees

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

Please choose a point

Point Type  
Interconnection Point

Point name  
Bocholtz

Direction  
Entry

Display on map:  
Interruption

Point detail

Overnomination Report

ENTSOG Transparency Platform

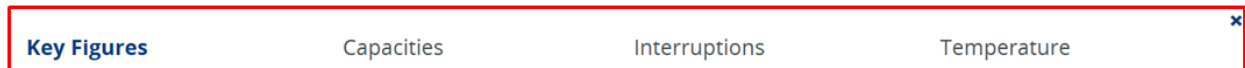
Here the point type, the point and the flow direction can be chosen for which the detailed information shall be displayed. By clicking the button “Point detail” all further point information are displayed. At the bottom of the bar the “Overnomination Report” can be accessed and below a link leads to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

Please choose a point

Point Type  
Interconnection Point

Point name  
Bocholtz

Direction  
Entry

Period  
Year

Point detail  
Flow

Unit  
kWh

Reports  
Selection of gas year for the report  
GWJ 2015/2016

Data Table

Intraday Grid Report

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

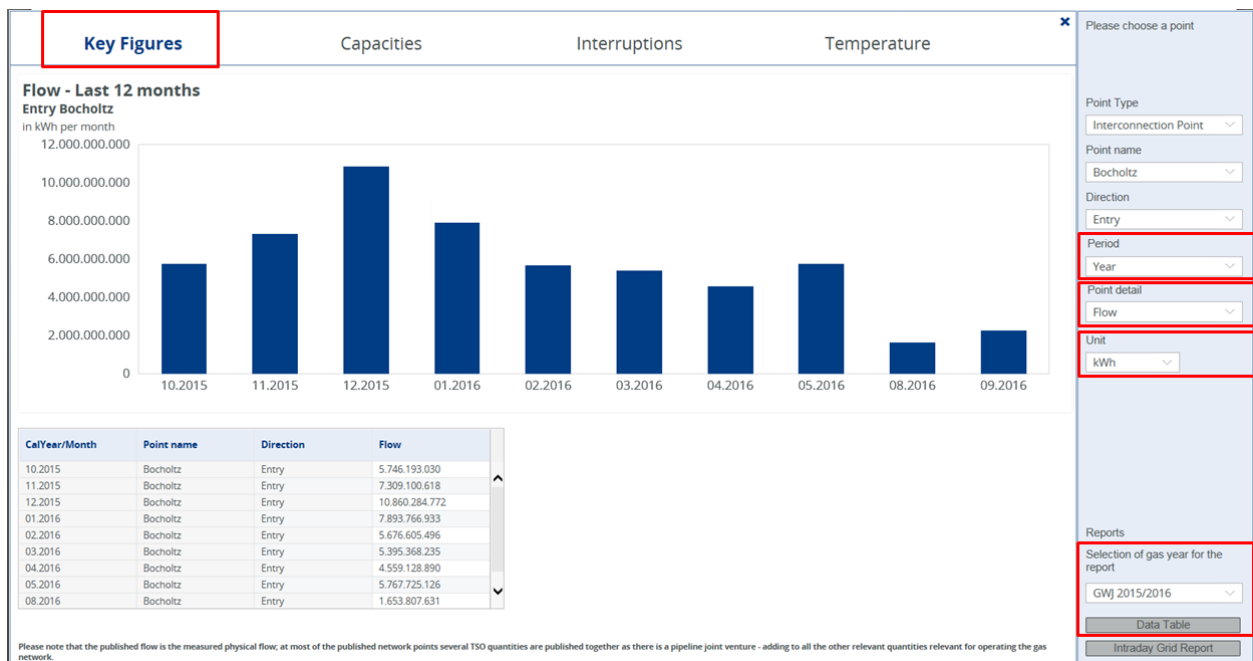
Depending on the choice made at the filter bar the information will be display in a graphical and tabular form.



#### 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.

Period
Year

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

Point detail
Flow

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.

Unit
kWh

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.

Selection of gas year for the report

GWJ 2015/2016

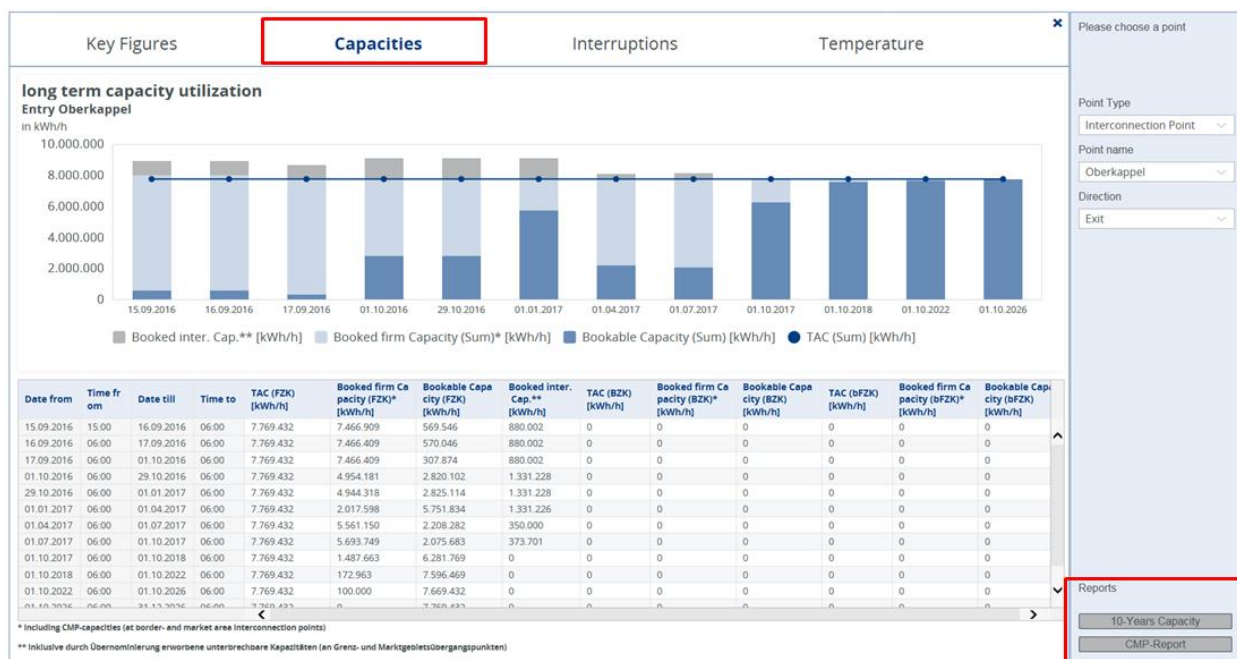
Data Table

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

Intraday Grid Report

#### 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.

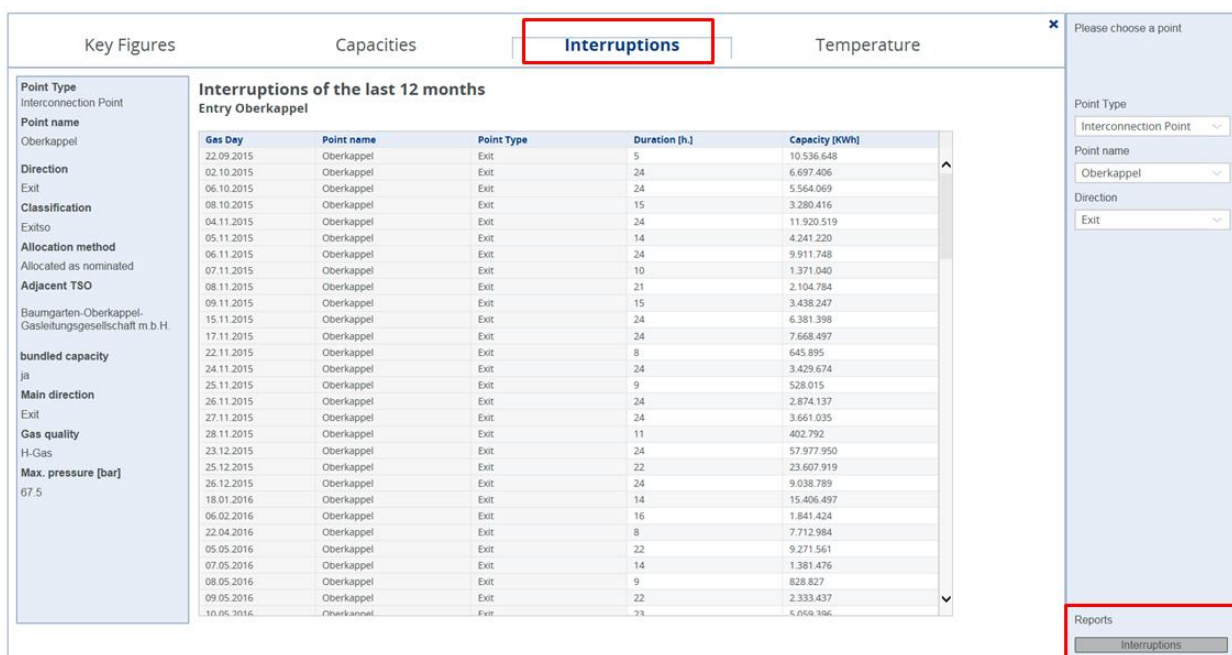
This information is also stated in a table displayed below the graphical presentation. For the capacity categories FZK and BZK “Booked firm Capacity” and “Bookable Capacity” include capacities made available through congestion measurement procedures. For “Booked interruptible Capacity” capacities marketed 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.



**Key Figures**      **Capacities**      **Interruptions**      **Temperature**

**Interruptions of the last 12 months**  
Entry Oberkappel

Gas Day	Point name	Point Type	Duration [h]	Capacity [kWh]
22.09.2015	Oberkappel	Exit	5	10.536.648
02.10.2015	Oberkappel	Exit	24	6.697.406
06.10.2015	Oberkappel	Exit	24	5.564.069
08.10.2015	Oberkappel	Exit	15	3.280.416
04.11.2015	Oberkappel	Exit	24	11.920.519
05.11.2015	Oberkappel	Exit	14	4.241.220
06.11.2015	Oberkappel	Exit	24	9.911.748
07.11.2015	Oberkappel	Exit	10	1.371.040
08.11.2015	Oberkappel	Exit	21	2.104.784
09.11.2015	Oberkappel	Exit	15	3.438.247
15.11.2015	Oberkappel	Exit	24	6.381.398
17.11.2015	Oberkappel	Exit	24	7.668.497
22.11.2015	Oberkappel	Exit	8	645.895
24.11.2015	Oberkappel	Exit	24	3.429.674
25.11.2015	Oberkappel	Exit	9	528.015
26.11.2015	Oberkappel	Exit	24	2.874.137
27.11.2015	Oberkappel	Exit	24	3.661.035
28.11.2015	Oberkappel	Exit	11	402.792
23.12.2015	Oberkappel	Exit	24	57.977.950
25.12.2015	Oberkappel	Exit	22	23.607.919
26.12.2015	Oberkappel	Exit	24	9.038.789
18.01.2016	Oberkappel	Exit	14	15.406.497
06.02.2016	Oberkappel	Exit	16	1.841.424
22.04.2016	Oberkappel	Exit	8	7.712.984
05.05.2016	Oberkappel	Exit	22	9.271.561
07.05.2016	Oberkappel	Exit	14	1.381.476
08.05.2016	Oberkappel	Exit	9	828.827
09.05.2016	Oberkappel	Exit	22	2.333.437
10.05.2016	Oberkappel	Exit	23	5.056.396

**Static Point Information:**

- Point Type: Interconnection Point
- Point name: Oberkappel
- Direction: Exit
- Classification: Exitso
- Allocation method: Allocated as nominated
- Adjacent TSO: Baumgarten-Oberkappel-Gasleitungsgesellschaft m.b.H.
- bundled capacity: ja
- Main direction: Exit
- Gas quality: H-Gas
- Max. pressure [bar]: 67.5

**Reports:** Interruptions

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.

Key Figures
Capacities
Interruptions


Temperature

Please choose a point

Capacity due to temperature forecast for 17.09.2016

Point name	Direction	Gas day	TAC [kWh/h]	Available Capacity [kWh/h]	Booked Capacity [kWh/h]	Temperature [°C]	Ratio [%]
Etzel (Speicher Crystal), Bitzenlander Weg 10	Entry	17.09.2016	0	0	0	16,8	0
Etzel (Speicher ESE), Bitzenlander Weg 3	Entry	17.09.2016	0	0	0	16,8	0
Friedeburg-Etzel, Bitzenlander Weg 2	Entry	17.09.2016	0	0	0	16,8	0
Friedeburg-Etzel, Schienenstrang, EGL	Entry	17.09.2016	8.000.000	7.999.998	2	16,8	0
Haiming 2 7F	Entry	17.09.2016	0	0	0	14,8	0
Speicher Bierwang	Entry	17.09.2016	8.550.000	8.549.999	1	14,8	0
Speicher Breitbrunn	Entry	17.09.2016	3.816.000	3.815.998	2	14,8	0
Speicher Epe H	Entry	17.09.2016	2.990.000	2.989.998	2	16,8	0
Speicher Epe L	Entry	17.09.2016	4.080.000	4.079.998	2	16,8	0
Speicher Eschenfelden	Entry	17.09.2016	689.000	688.999	1	14,8	0
Speicher Gronau-Epe H1	Entry	17.09.2016	0	0	0	16,8	0
Speicher Gronau-Epe L1	Entry	17.09.2016	0	0	0	16,8	0

Please select a storage connection point in the table

Temperature data delivered by:  MeteoGroup

Forecasted temperature: From 12:00 pm the temperature forecasts are binding. Before 12:00 pm the temperature forecasts are non-binding.

Prior marketing of bFZK: Pursuant to art. 9 of the General Terms & Conditions for Entry/Exit Contracts (version 8.0) at storage connection points interruptible capacity cannot be booked until firm capacity is no longer available.

Ratio bFZK

Reports

Historical data

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.

Key Figures
Capacities
Interruptions

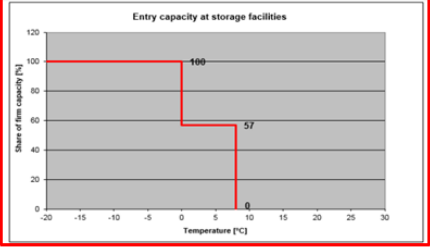
Temperature

Please choose a point

Capacity due to temperature forecast for 17.09.2016

Point name	Direction	Gas day	TAC [kWh/h]	Available Capacity [kWh/h]	Booked Capacity [kWh/h]	Temperature [°C]	Ratio [%]
Etzel (Speicher Crystal), Bitzenlander Weg 10	Entry	17.09.2016	0	0	0	16,8	0
Etzel (Speicher ESE), Bitzenlander Weg 3	Entry	17.09.2016	0	0	0	16,8	0
Friedeburg-Etzel, Bitzenlander Weg 2	Entry	17.09.2016	0	0	0	16,8	0
Friedeburg-Etzel, Schienenstrang, EGL	Entry	17.09.2016	8.000.000	7.999.998	2	16,8	0
Haiming 2 7F	Entry	17.09.2016	0	0	0	14,8	0
Speicher Bierwang	Entry	17.09.2016	8.550.000	8.549.999	1	14,8	0
Speicher Breitbrunn	Entry	17.09.2016	3.816.000	3.815.998	2	14,8	0
Speicher Epe H	Entry	17.09.2016	2.990.000	2.989.998	2	16,8	0
Speicher Epe L	Entry	17.09.2016	4.080.000	4.079.998	2	16,8	0
Speicher Eschenfelden	Entry	17.09.2016	689.000	688.999	1	14,8	0
Speicher Gronau-Epe H1	Entry	17.09.2016	0	0	0	16,8	0
Speicher Gronau-Epe L1	Entry	17.09.2016	0	0	0	16,8	0

Entry capacity at storage facilities



Prior marketing of bFZK: Pursuant to art. 9 of the General Terms & Conditions for Entry/Exit Contracts (version 8.0) at storage connection points interruptible capacity cannot be booked until firm capacity is no longer available.

Ratio bFZK

Reports

Historical data

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.