



AGGM

Austrian Gas Grid Management AG

Manual

API-Token and Datamonitor

AGGM Plattform



Data Publication

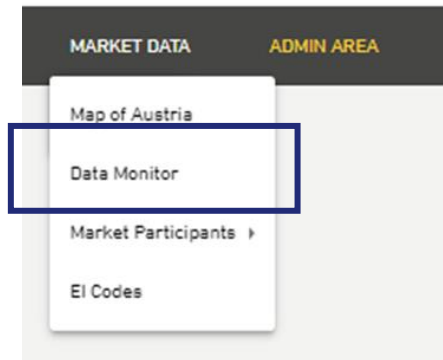
General information

- ▶ AGGM provides an API for the retrieval of Market Area Data (MA-Data) and Balance Group Data (BG-Data) (GMMO-VO 2020 §34 (2)).
- ▶ The AGGM data monitor offers a comprehensive and detailed data on the Austrian natural gas situation, including storage information of neighboring countries.

Data Publication

Data Monitor

- ▶ You can find the publication under:
<https://platform.aggm.at/portal/visualisation/ts-publication>
- ▶ MA-data is published under the menu item data monitor.



Data Publication

Data Monitor

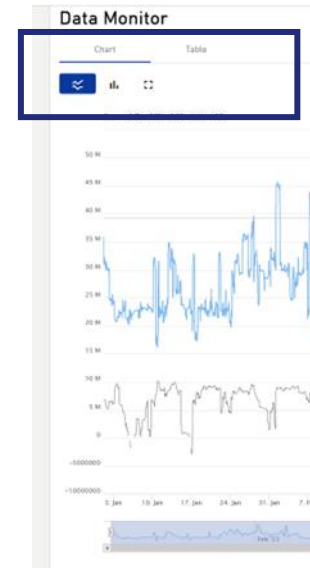
The screenshot shows the 'Data Monitor' interface. At the top, there is a dark header bar with 'MARKET DATA' and 'ONE-STOP-SHOP' on the left, and 'EN' with a dropdown arrow on the right. The main content area is titled 'Data Monitor' (callout 1). Below the title, there is a large blue funnel icon and the text 'No Filters Set'. Below this, a message states: 'You have not selected any time series yet! Please provide at least one time series and a date range.' To the right of the main content area, there is a 'Filters' panel (callout 2) with a close button 'X'. The panel includes a 'Granularity' section with buttons for 'Hours' (selected), 'Days', 'Months', and 'Years'. Below this is a 'Date range' section with a 'Range type' dropdown (callout 3) set to 'Custom range'. It also has 'Start date' and 'End date' fields with calendar icons, each with a 'Time' dropdown set to '06:00'. Below the date range is a 'Choose timeseries *' field (callout 4). At the bottom of the panel is a 'Filter timeseries' section with a 'CapacityType' dropdown (callout 5) and a 'Category' dropdown. A 'Select favorite (1)' button with a heart icon (callout 6) is located between the main content area and the filters panel.

On the next slides you will find explanations on how to use the data monitor!

Data Publication

1 Data Monitor

- ▶ Choose between diagram and tabular representation
- ▶ Diagram: line / bar
- ▶ Possibility of enlargement
- ▶ Zoom levels: depicts the timeline as specified
- ▶ Download diagram (PNG, JPG, SVG)
- ▶ Detailed information via Mouse-over



Data Publication

1 Data Monitor

- Table
- The values can be exported as csv
Export all / Export selected

Data Monitor Chart Table ♥ Select favorite (7)

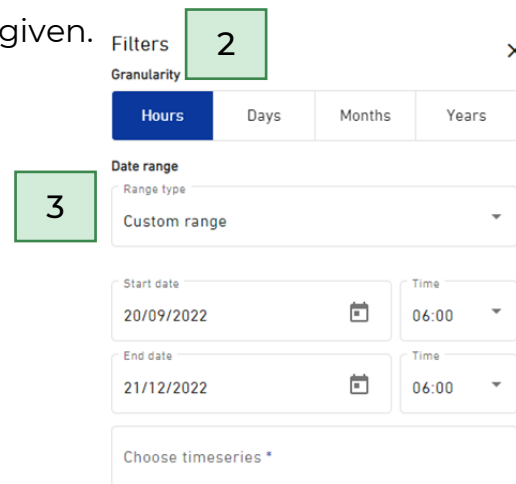
Export all Export selected (0) ⓘ

<input type="checkbox"/> Date	Expected linepack MA-East [kWh/h] ⓘ	Maximum linepack long MA-East [kWh/h] ⓘ	Minimum linepack short MA-East [kWh/h] ⓘ	Balancing Energy MA-East [kWh] ⓘ
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Data Publication

2 Granularity & 3 Date range

- Granularity:
 - the original values apply in every single hour
 - Granularity: Hours, Days, Months, Years
 - For units with [/h], the average value per hour in the selected period is given.
 - For other units, the hourly values are totaled over the selected period.
- Date range
 - Standard: range type „custom range“, 3 months, basis gas day
 - Range type: dropdown opens with predefined time ranges (last, current, next time period).
 - When selected, this selection is applied to the calendar.



The screenshot shows a 'Filters' dialog box with a close button (X) in the top right corner. It contains two main sections: 'Granularity' and 'Date range'. The 'Granularity' section has a dropdown menu currently set to 'Hours', with other options being 'Days', 'Months', and 'Years'. The 'Date range' section has a dropdown menu set to 'Custom range'. Below this, there are two rows of date and time pickers. The first row is for the 'Start date' (20/09/2022) and 'Time' (06:00). The second row is for the 'End date' (21/12/2022) and 'Time' (06:00). At the bottom, there is a text input field labeled 'Choose timeseries *'.

Filters 2 X

Granularity

Hours Days Months Years

Date range

Range type

Custom range

Start date 20/09/2022 Time 06:00

End date 21/12/2022 Time 06:00

Choose timeseries *

Data Publication

4

Select time series

Choose timeseries *

This field is required.

- ▶ Without selecting a filter for one of the available groupings (see next slide), all time series are displayed and can be chosen.
- ▶ The field has a search function that can be used to search for time series names.
- ▶ Multiple time series can be selected. To close the scroll box, click outside the box.
- ▶ **Tip: Setting a filter at one of the available groups facilitates the search for time series and visualisations.**

Data Publication

5 Filter

Filter timeseries

X

CapacityType

Category

GasQuality

Location

MarketArea

NominationType

Quality

SSO/PSO

Type

- ▶ When you click here, the characteristics open and can be selected.
- ▶ The time series to be selected in the dialog box change according to the selected filter.

Data Publication

Filter

Type	Category	MarketArea	Location	Quality	SSO/PSO	Nomination Type	GasQuality	CapacityType
Allocation	Balancing	East	VNKP-TD-GCA	Firm	SSO Uniper	Nom	GCV	TC
Available Injection Capacity	Biogas	T&V	VNKP-TD-TAG	UK	SSO Haidach	Renom	Wobbe	Booked
Available Withdrawal Capacity	E/X	Tyrol	VNKP-TD-WAG	Yearly	SSO Haidach Astora			TC yearly
BE	EKV	Vbg	MA-East	% UK	SSO Haidach GSA			Available
BG-Balance	Gasquality		MA-T&V	Interruption	SSO Italy			Booked yearly
Clearing	LPZ		VTP		SSO Austria			
Dayahead	Production		KGV		SSO OMV			
Delta	SLP				SSO RAG			
Flow	Storage				SSO Slovakia			
Injection	TL GCA				SSO Czech Republic			
Intraday	TL TAG				SSO Hungary			
Linepack	VNKP-TD				SSO Germany			
Prices					PSO Biomethan			
Saldo					PSO RAG			
Storage level					PSO OMV			
Storage level %								
Neutrality Charge								
Withdrawal								
Working gas volume								

Data Publication

Filter

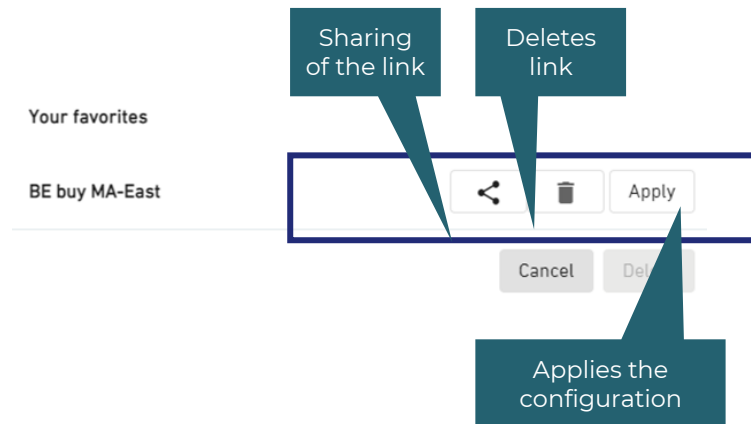
Abbreviation	Description
BE	Balancing Energy
BG-Balance	Balance Group Balance
E/X	Entry/Exit
EKV	End Consumer Supply
LPZ	Load Profile Metering
SLP	Standard Load Profile
TL GCA	Transmissionline Gas Connect Austria
TL TAG	Transmissionline Trans Austria Gasleitung
VNKP-TD	Virtual Interconnection Point-Transport Segment
T&V	Tyrol and Vorarlberg
VNKP-TD-GCA	Virtual Interconnection Point-Transport Segment-Gas Connect Austria
VNKP-TD-TAG	Virtual Interconnection Point-Transport Segment-Trans Austria Gasleitung
VNKP-TD-WAG	Virtual Interconnection Point-Transport Segment-West Austria Gasleitung
MA-East	Market Area- East
MA-T&V	Market Area- Tyrol & Vorarlberg
VTP	Virtual Trading Point
KGV	Small Cross Border Interconnection Points
UK	Interruptible Capacity
% UK	% Interruptible Capacity
SSO	Storage System Operator
PSO	Production System Operator
GCV	Gross Calorific Value
TC	Technical Capacity
Vbg	Vorarlberg

Data Publication

Favorites



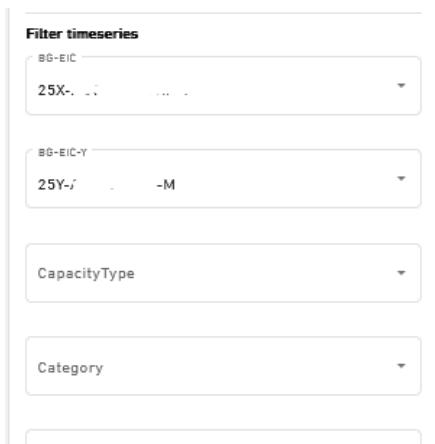
- ▶ Favorites can be created, named and saved locally in the browser.
- ▶ Favorites can be shared:
 - ▶ Select favorite opens the dialog box.
 - ▶ With the symbol “share” a link is generated, that is saved in the clipboard and can be shared.



Data Publication

Data Monitor AGGM-Account

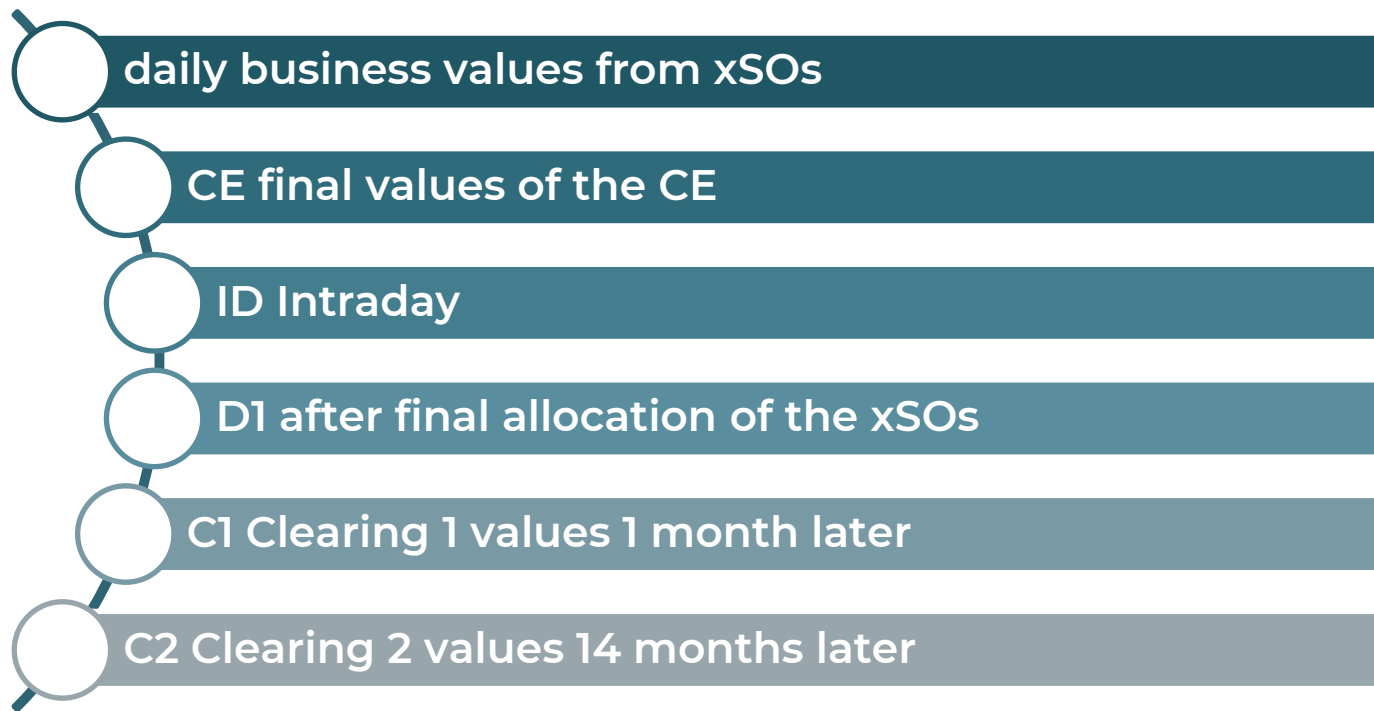
- ▶ Public MA-Data and private BG-Data can be combined in the AGGM-Account.
- ▶ Filter BG Y-Code for BGRs.



The screenshot shows a 'Filter timeseries' interface with four dropdown menus. The first dropdown, labeled 'BG-EIC', has '25X-' selected. The second dropdown, labeled 'BG-EIC-Y', has '25Y-i' selected. The third dropdown, labeled 'CapacityType', is currently empty. The fourth dropdown, labeled 'Category', is also empty. There is a small 'x' icon to the right of each dropdown menu.

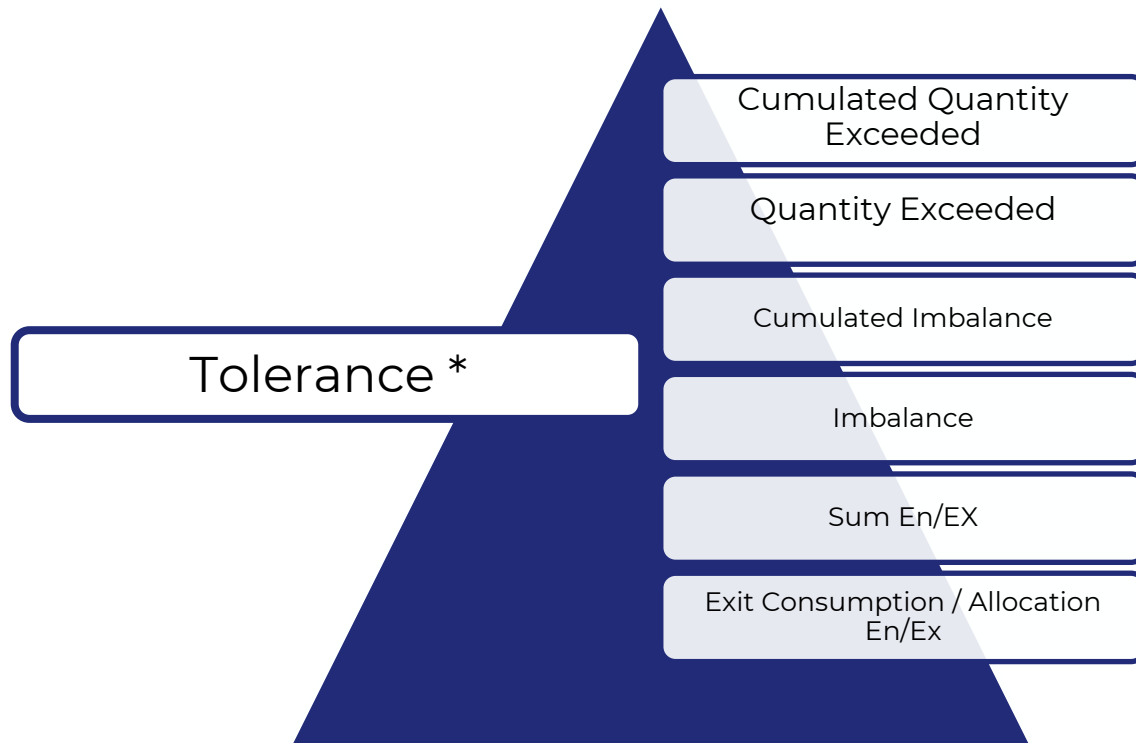
Data Publication

BG-Status Qualities



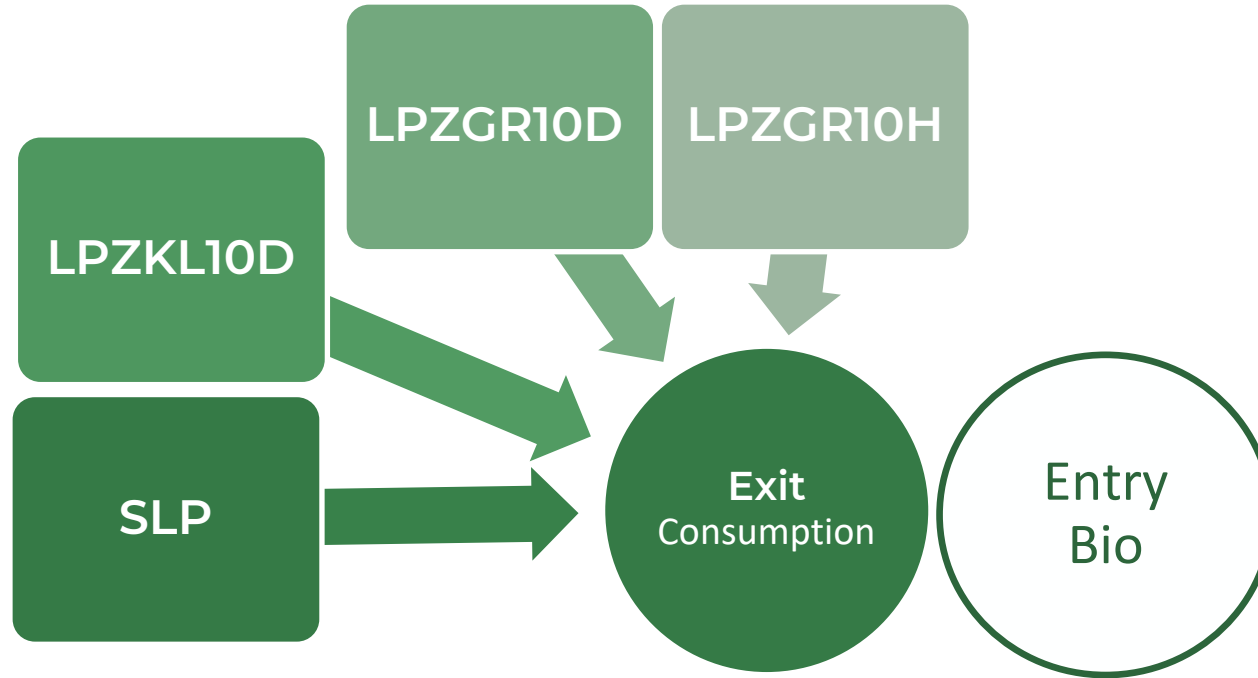
Data Publication

BG-Status Zeitreihen



Data Publication

BG-Status Zeitreihen Endkundenversorgung



BV – Best value principle

Data Publication

API-Zugangsdaten für MG-Daten

- ▶ To retrieve the MA-Data automatically per XML-API, you can request an API-Token on the [AGGM platform](#). Complete in the form.
- ▶ After the activation of the link, credentials will be sent to you as well as an instruction on how to use the interface.

Data Publication

API credentials for BG-Data

- ▶ When the credentials are requested from the AGGM-Account, the credentials are for a system e-mail address.
- ▶ After that, the BG-data can also be retrieved in addition to the MA-data. The functionality of the API will be included in the activation email. This system-API-user can only be applied for and assigned once per organization.

Contact

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