AGGM

Austrian Gas Grid Management AG

2024 Manual

AGGM Data Monitor & API-Token

AGGM Platform

Data Publication

General information

▸ The AGGM Data Map provides a quick overview of the current situation in the Austrian gas market.

▸ The AGGM Data Monitor offers comprehensive and detailed data on the Austrian natural gas situation, including storage information of neighboring countries.

▸ AGGM provides an API for the retrieval of Market Area Data (MA-Data) and Balance Group Data (BG-Data) (GMMO-VO 2020 §34 (2)).

Market Data   One-Stop-Shop

AGGM Data Map

AGGM Data Monitor

Market Participants ▸

EI Codes

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AGGM Data Map

▸ Period: the current hour per default

▸ Time series groups: Allocation, booked / nomination / renomination / technical capacity, physical flow

▸ Icons

Entry & Exit	Exit
Biomethan Production	Production System Operator

Entry	Supply of Consumers
Storage System Operator	Virtual Trading Point

▸ The names of the storage and production operators are the respective company names

▸ Export
Download PNG
Download JPG
Download SVG

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Physical Flow

▸ Are always in both directions - entry and exit on the same time series. Minus values are exits from the market area and plus values are entries into the market area.

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AGGM Data Monitor

On the next slides you will find explanations on how to use the AGGM Data Monitor!

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AGGM Data Monitor

- ‣ Choose between chart and table
- ‣ Table: The values can be exported as csv

  Export all   Export selected (2)

- ‣ Diagram: line / bar
- ‣ Possibility of enlargement
- ‣ Zoom levels: depict the timeline as specified
- ‣ Download diagram (PNG, JPG, SVG, PDF)
- ‣ Detailed information via Mouse-over

Data Monitor

Chart

Zoom 1 D 1 W 1 M 6 M All

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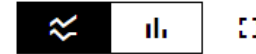
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2 Granularity & **3** Date range

▸ 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.

2 Granularity

| Hours | Days | **Months** | Years |

3 Date range

Range type

Current year ▾

Start date

01/01/2024 📅

End date

01/01/2025 📅

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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 facilitates the search for time series.**

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Filter

Filter timeseries

ArchiveFunction
Current ▼

Balancing ▼

Capacities ▼

CapacityUtilization ▼

Consumption ▼

EntryExitPoint ▼

MarketArea ▼

Production ▼

Storage ▼

‣ The ArchiveFunction filter is set to "Current" by default and displays only currently valid data. Expired data has the valid-to date added in the time series name and can be activated via the "Historical" box.

‣ When you click in one of the filters, the characteristics open and can be selected.

‣ The time series to be selected in the dialog box change according to the selected filter.

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5 Filter overall

ArchiveFunction	Balancing	Capacities	CapacityUtilization	Consumption	EntryExitPoint	MarketArea	Production	Storage
Current	Balancing Energy	AvailableFZK	Allocation	<300MW	Arnoldstein	East	Bio Production	Astora
Historical	BG-Status	AvailableUK	Interruption	>300MW	Baumgarten	Tyrol	Bio Production East	OMV Gas Storage
	Linepack	Booked	Nominated	EndConsumer	BaumgartenGCA	Tyrol&Vorarlberg	Bio Production Tyrol	RAG Energy Storage
	Prices	Booked yearly	PhysicalFlow	MarketVolume	BaumgartenTAG	Vorarlberg	Bio Production Vorarlberg	Storage Facilities Austria
		BookedFZK	Renominated	PowerPlant	BaumgartenWAG		OMV Austria Exploration & Production	Storage Facilities Czech Republic
		BookedUK	UK fulfillment	SLP	E/X TSO-DSO GCA		RAG Exploration & Production	Storage Facilities Germany
		Technical capacity			E/X TSO-DSO TAG			Storage Facilities Hungary
		Technical capacity yearly			E/X TSO-DSO WAG			Storage Facilities Italy
					Freilassing			Storage Facilities Slovakia
					Hoechst			Uniper Energy Storage
					Kiefersfelden			Wiener Erdgasspeicher
					Laa			
					Lindau			
					Mosonmagyarovar			
					Murfeld			
					Oberkappel			
					Petrzalka			
					Ruggell			
					StorageMAB			
					StoragePentaWest			
					Ueberackern			
					UeberackernABG			
					UeberackernSudal			
					Virtual Trading Point			

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5 | Explanation Filter Archive Function

Archive Function ⌄	
Current	Current time series
Historical	Historical time series; not applicable due to the last market model change in 2022

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| 5 | Explanation Filter Balancing |

Balancing ⌄	
Balancing Energy	Balancing Energy (BE) quantities purchase and sale per Market Area (MA)
BG-Status	All data on Balance Group (BG) status / **not accessible in the public area**
Linepack	Time series on linepack and utilisation (e.g. expected/utilised linepack, maximum/minimum linepack)
Prices	BE prices, Reference price virtual trading point (VTP), Withinday Obligation (WDO), neutrality charge

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Explanation Filter Capacities

Capacities ⌄	
AvailableFZK	Available freely allocable capacities
AvailableUK	Available interruptible capacities
Booked	Sold capacities
Booked yearly	Annual sold capacities
BookedFZK	Sold freely allocable capacities
BookedUK	Sold interruptible capacities
Technical capacity	Technical capacity (TC) - reduced capacities, e.g. due to maintenance work, are published here
Technical capacity yearly	Annual technical capacity (TKY)

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Explanation Filter CapacityUtilization

CapacityUtilization ⌄	
Allocation	A detailed explanation can be found <u>here</u>
Interruption	Difference of the actual and nominated quantity
Nominated	Quantiny at Entry/Exit transmission system operator (TSO) or virtual trading point (VTP)
Renominated	Quantity correction of renomination cycles
PhysicalFlow	Actual measured physical flow
UK fulfillment	Degree of fulfillment of Interruptible capacities (UK) in percent

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Explanation Filter Consumption

Consumption ⌄	
<300MW	Total of load profile-measured customers with a connected load of less than 300 MW
>300MW	Total of load profile-measured customers with connected load greater than 300 MW
EndConsumer	Data of the calculated end consumer (improved quality over time); allocations end consumer
MarketVolume	Allocations at all Entry/Exit without the virtual trading point (VTP)
PowerPlant	Gas-fuelled power plants
SLP	Total of end consumers with a standardised load profile

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Explanation Filter EntryExitPoint

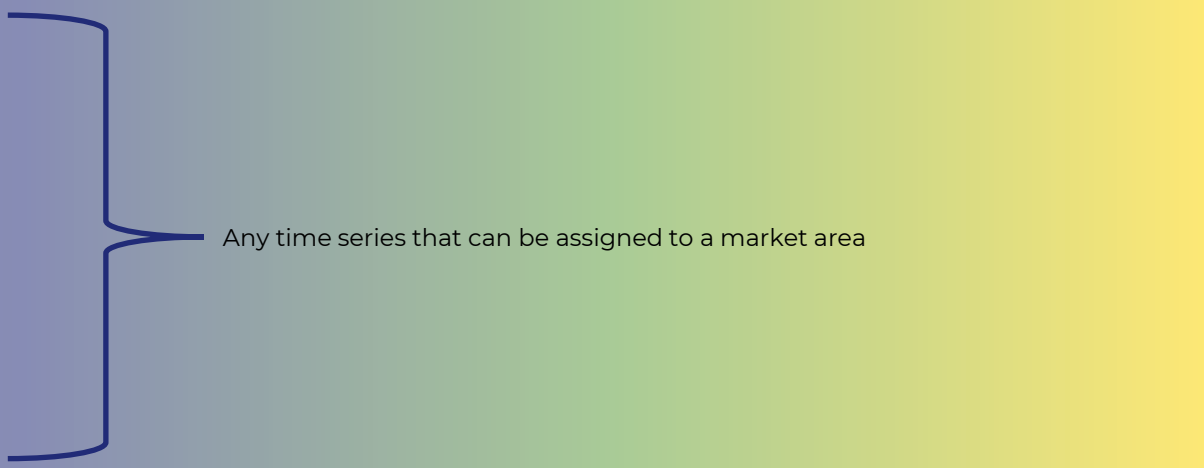| EntryExitPoint |
| --- |
| Arnoldstein |
| Baumgarten |
| BaumgartenGCA |
| BaumgartenTAG |
| BaumgartenWAG |
| Ueberackern |
| UeberackernABG |
| UeberackernSudal |
| Freilassing |
| Hoechst |
| Kiefersfelden |
| Laa |
| Lindau |
| Mosonmagyarovar |
| Murfeld |
| Oberkappel |
| Petrzalka |
| Ruggell |

Technical Capacity
En/Ex nominated in all possible qualities inc. Sums
En/Ex renominated in all possible qualities inc. Sums
Fulfillment of nominations
Interruptions
Available Capacities
Booked Capacities
En/Ex Allocations
Physical Flow (En/Ex on the same time series)
Gross Calorific Value
Wobbe
Yearly technical capacities
Yearly booked capacities

StorageMAB	Grid to the MAB storage facility from Pozagas/Nafta
StoragePentaWest	Grid to 7Fields storage facility (Uniper & RAG)
E/X TSO-DSO GCA	
E/X TSO-DSO TAG	Transfer point from transmission line (TL) to distribution area (DA) at the respective TSO
E/X TSO-DSO WAG	
Virtual Trading Point	Allocations at virtual trading point (VTP)

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Explanation Filter MarketArea

MarketArea ∨
East
Tyrol
Tyrol&Vorarlberg
Vorarlberg

Any time series that can be assigned to a market area

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Explanation Filter Production

Production
Bio Production
Bio Production East
Bio Production Tyrol
Bio Production Vorarlberg
OMV Austria Exploration & Production
RAG Exploration & Production

Time series of the biomethan production

Time series of the gas production facilities

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Explanation Filter Storage

Storage ▾
Astora
OMV Gas Storage
RAG Energy Storage
Storage Facilities Austria
Uniper Energy Storage
Wiener Erdgasspeicher
Storage Facilities Czech Republic
Storage Facilities Germany
Storage Facilities Hungary
Storage Facilities Italy
Storage Facilities Slovakia

Time series of the Austrian gas storage facilities

Time series of the gas storage facilities of AGSI for neighboring countries

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6 Favorites

▸ Favorites can be created, named and saved locally in the browser.
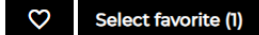
| ♡ | Select favorite (1) |

▸ 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.

Your favorites

2024 Bilanzierung

Shares link

Deletes link

Applies the configuration

Cancel

Data Publication

6	**Info-Box**

▶ In the AGGM Data Monitor there is an info box with
  ▶ Operating instructions for the data publication modules and
  ▶ a list of abbreviations.

Data Publication

AGGM Data Monitor AGGM-Account

▸ Public MA-Data and private BG-Data or supplier account data can be combined in the AGGM-Account.

▸ BG-Status: Filter BG Y-Code for BGRs.

Filter timeseries

┌─ ArchiveFunction ─────────────────┐
│ Current   ▾ │
└───────────────────────────────────┘

┌───────────────────────────────────┐
│ BG-EIC-Y   ▾ │
└───────────────────────────────────┘

▸ Supplier Account Data: put the AT number in the search field.

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BG-Status Qualities
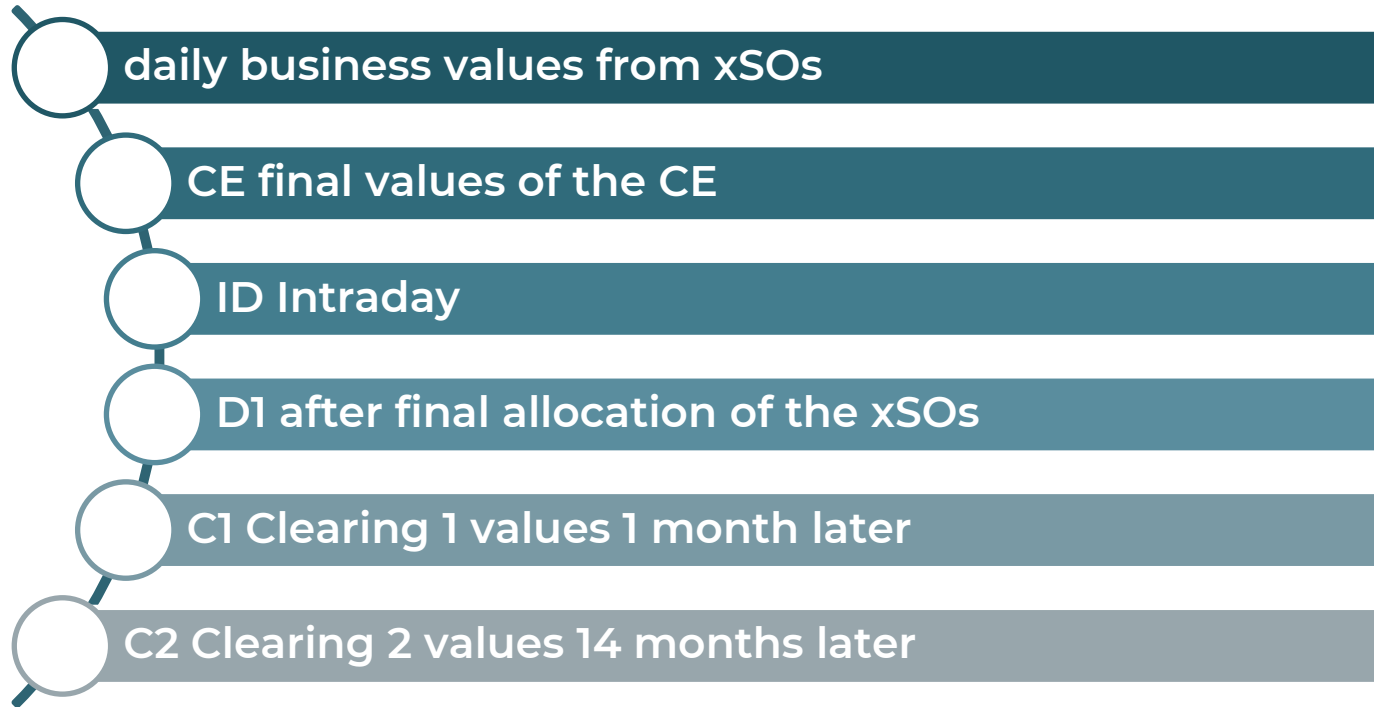
daily business values from xSOs

CE final values of the CE

ID Intraday

D1 after final allocation of the xSOs

C1 Clearing 1 values 1 month later

C2 Clearing 2 values 14 months later

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BG-Status time series

Cumulated Quantity Exceeded

Quantity Exceeded

Cumulated Imbalance

Imbalance

Sum En/EX

Exit Consumption / Allocation En/Ex

Tolerance *
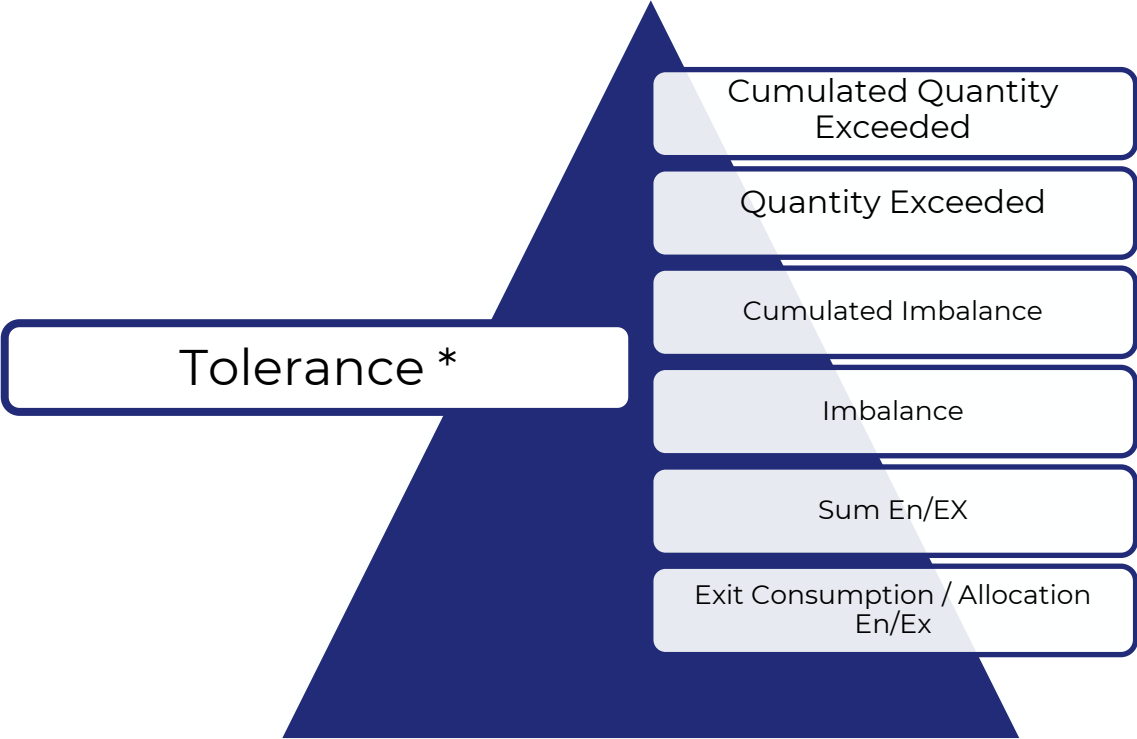
* For end consumer

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BG-Status time series end consumer

LPZGR10D

LPZGR10H

LPZKL10D

SLP

Exit
Consumption

Entry
Bio
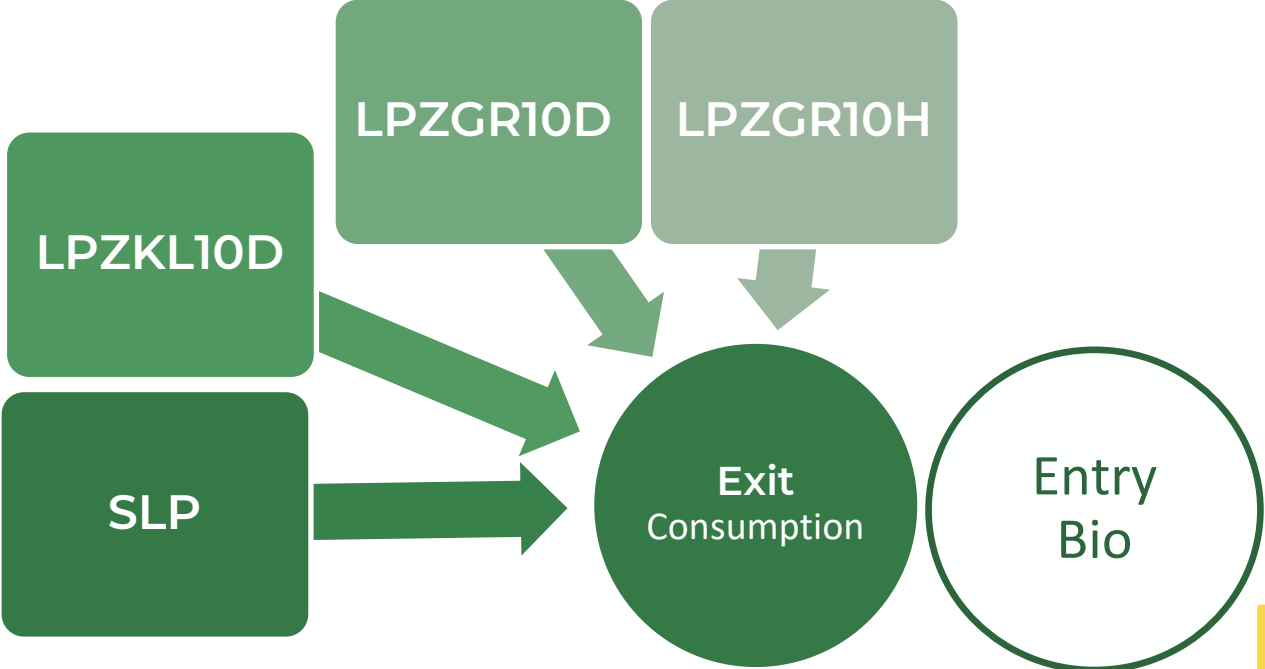
BV – Best value principle

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API-Token for MA data

▸ 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.

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API credentials for private data

▸ When the credentials are requested from the AGGM-Account, the credentials are for a system e-mail address.

▸ After that, the private 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.

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Contact

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