



AGGM Austrian Gas Grid Management AG

# Maintenance Information Meeting

28<sup>th</sup> November 2017


- ▶ *[MAM]* coordinate[s] maintenance of the transmission and distribution network [...] such that the impact on system users is kept as small as possible  
*Sec. 14. (1) 11. Natural Gas Act*
- ▶ *[DAM]* coordinate[s] maintenance of the distribution pipeline systems listed in Annex 1 such that the impact on network users is kept as small as possible  
*Sec. 18. (1) 28. Natural Gas Act*
- ▶ Regulation (EU) No. 1227/2011 (REMIT)
- ▶ ACER Manual of Procedures on [...] and inside information reporting

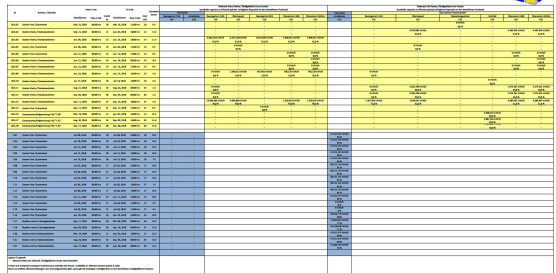
- ▶ Securing end consumer demand
- ▶ Prevention and/or minimization of capacity reduction for balance groups
- ▶ Optimizing necessary operative restrictions
  - ▶ Simultaneous execution of maintenance activities, which do not add up operative implications
  - ▶ Dissolving maintenance activities, which otherwise would add up their operative implications



- ▶ **Transmission System**
  - ▶ 1<sup>st</sup> August AGGM sends questionnaires to TSOs & SSOs
  - ▶ 5<sup>th</sup> September Questionnaires return to AGGM
  - ▶ 20<sup>th</sup> September 1<sup>st</sup> Integrated Annual Maintenance Plan (IAMP) draft to TSOs & SSOs
  - ▶ 1<sup>st</sup> week in October Coordination meeting with TSOs & SSOs
  - ▶ 15<sup>th</sup> October 2<sup>nd</sup> IAMP draft to TSOs & SSOs
- ▶ **Distribution System**
  - ▶ 1<sup>st</sup> September AGGM sends questionnaires to DSOs & SSOs
  - ▶ 30<sup>th</sup> September Questionnaires return to AGGM
  - ▶ 1<sup>st</sup> week Oct.: Draft IAMP to DSOs & SSOs
  - ▶ October: (bilateral) coordination meetings with DSOs & SSOs
- ▶ **November** AGGM Publication of one single IAMP
- ▶ **28<sup>th</sup> November 2017** Maintenance Information Meeting
- ▶ **During calendar year** Regular IAMP adaptations minimum 4 weeks (distribution) or 42 days (transmission) in advance

- ▶ Asset owners are obliged to publish insider information concerning planned maintenance activities via REMIT and ACER compliant publications
  - ▶ TSOs in Austria publish planned capacity reductions via ENTSOG Transparency Platform
  - ▶ SSOs and PSO in Austria publish planned capacity reductions via individual platforms which will be listed on the AGGM website
  - ▶ TSOs, SSOs and PSOs publish UMMs via individual platforms which will be listed on the AGGM website

- ▶ AGGM publishes the IAMP on its website\* and UMMs via the AGGM platform\*\* from November 2017 onwards


MAM integrated annual maintenance plan 2018 



Urgent Market Message: Interruption of Capacities

Message ID	[M]AGG-UMM[2017]AGG-UMM_001
Event Status	Active
Type of unavailability	Unplanned
Type of event	Other unavailability
Publication date/time (UTC)	2017-10-16T07:00:00
Event Start (UTC)	2017-10-16T10:00:00
Event Stop (UTC)	2017-10-16T14:00:00
Line of measurement	KW49
Unavailable Capacity	0
Available Capacity	350000664
Technical Capacity	350000664
Reason of the Unavailability	Interruption of capacities
Remarks	Gas Connect Austria GmbH F+43 1 27000-51072647 F+43 1 27000-51072647 F+43 1 27000-51072647 F+43 1 27000-51072647 F+43 1 27000-51072647
Relating Zone	ZV1000000000000
Affected Asset or Unit	Unkonkret Subst. Entry, Datenknoten Entry
Affected Asset or Unit BIC Code	
Market Participant	Gas Connect Austria GmbH
Market Participant Code	ZV10-AT-GAS-AGG



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\* <http://www.aggm.at/en/network-information/maintenance-coordination>

\*\* <https://platform.aggm.at/mgm/news/newsletter/list.do?lang=en>

- ▶ More than 300 maintenance activities registered in 2017 affecting the distribution area
- ▶ Share of activities having operative implications, making high coordination efforts necessary or causing restrictions in 2017 above average!
  - ▶ Long term planning projects:
    - Pressure increase Upper Austria
    - Auersthal reverse flow
    - capacity increase from DA to TS in Baumgarten
  - ▶ Several pipeline damages (Vorarlberg, Upper Austria, PVS2, Burgenland)
  - ▶ Several pipeline inspections / pig-runs (WAG, PVS2, Upper Austria, Styria, Tyrol)
  - ▶ Capacity restrictions at Entry/Exit Points of DA published in 11 cases – effective implications on market participants in practice could be kept low!

- ▶ Highlights DA 2017 (excerpts)
  - ▶ Reconstruction TAG BOP – unavailability of TAG pipeline for 5 days due to final interconnection works in Baumgarten (supply of customers along TAG pipeline to be organized)
  - ▶ Reconstruction pipeline Auersthal – Laa (auxiliary transport via Laa to be organized)
  - ▶ Exchange of valves and insulation spacers in critical locations of the pipeline system causing high planning and coordination efforts (Upper Austria)
  - ▶ Several ESD Tests in transmission system implicating the DA
  - ▶ Several renewals of pipeline sections (Upper Austria, Styria)
  - ▶ Damage of high pressure pipeline and planned testing of the pipeline section crossing the Bodensee in Vorarlberg (auxiliary transports via Switzerland)
  - ▶ Conversion of storage facility Thann to production facility

- ▶ Maintenance Coordination in Transmission System taken over by AGGM during transition of MAM from GCA to AGGM on 1<sup>st</sup> June 2017
- ▶ Integrated Annual Maintenance Plan adopted and advanced
- ▶ Several station and pipeline works and system tests causing minor or major capacity restrictions at entry/exit points
  - ▶ Reconstruction of TAG BOP



- ▶ Version 1 of the IAMP 2018 published on 15<sup>th</sup> November 2017
- ▶ Trans Austria Gasleitung (TAG)
  - ▶ Several System Tests (few hours)
  - ▶ Pipeline works in Ludmannsdorf and station works in Baumgarten, Eggendorf and Grafendorf causing longer capacity restrictions (several days) in March, August and September 2018
- ▶ Gasconnect Austria (GCA)
  - ▶ Several System Tests (few hours)
  - ▶ Several Works on (compressor) stations causing longer capacity restrictions (several days) from May to September
  - ▶ Consequences from TAG maintenance activities on the SOL pipeline (Murfeld)

- ▶ Maintenance activities 2018 in DA currently seem to be less intensive than 2017
- ▶ During annual planning more than 80 activities registered, but currently only two affecting capacities of storage interconnection in DA
  1. Station Maintenance in Kronstorf (19.-22.03.2018, 4 days)
  2. ESD Tests Baumgarten (11.09.2018, 8 hours)
- ▶ Maintenance activity in metering station to storage facility Puchkirchen (Netz OÖ) will be executed during one of the 2 maintenance weeks of the storage facility (RAG) in April or October 2018
- ▶ Annual maintenance OMV Production Aderklaa (Sep. 2018)
- ▶ Market relevance of maintenance activities of OMV Storage under discussion
- ▶ Evaluation of the consequences of maintenance activities 2018
  - ▶ Annual capacity booking of storage and production facilities not yet finished
  - ▶ Parameters of the standard capacities 2018 to be derived
  - ▶ New ACER standards for inside information reporting (UMMs) and switching to AGGM platform for publication (see following slides)

- ▶ Integrated Annual Maintenance Plan (IAMP) provides on page 1 a synopsis of the maintenance activities of the Austrian TSOs  
<http://www.aggm.at/netzinformation/instandhaltungskoordination>  
<http://www.aggm.at/en/network-information/maintenance-coordination>
- ▶ Capacity restrictions at entry/exit points in the DA caused by maintenance activities in the DA are published by AGGM
  - ▶ in the IAMP on page 2 (**NEW!**)
  - ▶ in a set of UMM versions (similar to the last years) on the AGGM platform (**NEW!**)  
<https://platform.aggm.at/mgm/news/newsletter/list.do?page=1&filter=umm>
  - ▶ Reduction of transportation capacities to/from storage facilities in DA due to maintenance activities in DA
  - ▶ Maintenance Works at the storage/production facilities themselves are published by the respective SSO/PSO
- ▶ AGGM will provide links to maintenance publications of the relevant system operators in Austria and of the TSOs in neighboring countries on its website.

# Urgent Market Messages / ACER Standard (1)

- ▶ ACER Guidance and Manual of Procedures on inside information reporting → standardized requirements of content and layout of Urgent Market Messages (UMMs)

II.	Unavailabilities of gas facilities
1	Message ID
2	Event Status
3	Type of Unavailability
4/b	Type of Event
5	Publication date/time
6	Event Start
7	Event Stop
8/b	Unit of Measurement
9	Unavailable Capacity
10	Available Capacity
11/b	Technical Capacity
12	Reason of the Unavailability
13	Remarks
15/b	Balancing Zone
16	Affected Asset or Unit
17	Affected Asset or Unit EIC Code
18	Market Participant
19	Market Participant Code

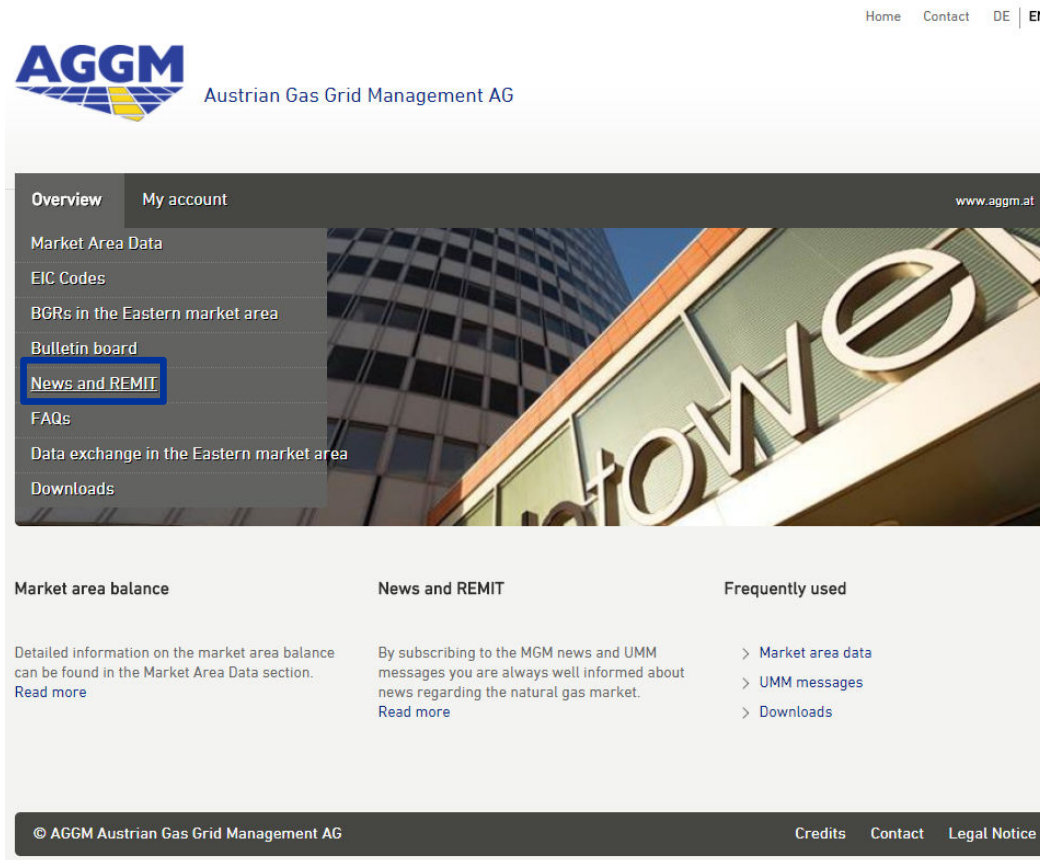
III.	Other market information
1	Message ID
2	Event Status
5	Publication date/time
6	Event Start
7	Event Stop
13	Remarks
18	Market Participant
19	Market Participant Code

- ▶ Up to now UMMs comparable to “Other market information” – event was described in free-text field
- ▶ AGGM’s UMMs often refer to capacity restrictions in DA → “Unavailability of gas facilities” (**NEW!**)

- ▶ versioning of an UMM related to one event
- ▶ Event Status
  - ▶ *active*: event now or in future, active
  - ▶ *inactive*: event terminated
  - ▶ *dismissed*: event cancelled, withdrawn, ... (has never taken place)
- ▶ Type of Unavailability: for maintenance mostly “*planned*”
- ▶ Type of Event: AGGM uses “*Other unavailability*”
- ▶ Time specifications (Publication, Event Start & Stop): *UTC format* obligatory
- ▶ Unit of measurement
  - ▶ currently (from given options) only “*kWh/d*” applicable (→ kWh/h x 24!)
  - ▶ “kWh/h” will be available as soon as current ACER consultation is finished
- ▶ Capacity values (“*technical*”, “*available*”, “*unavailable*”)
  - ▶ *absolute figures* required (no percentages!)
  - ▶ standard capacity depends on consumption → worst case scenario for publication
- ▶ Currently 1 UMM per location and direction necessary – change under consultation by ACER

# AGGM platform / UMMs (1)

▶ [platform.aggm.at](http://platform.aggm.at) → Overview → News and REMIT



The screenshot shows the AGGM website interface. At the top right, there are links for 'Home', 'Contact', 'DE', and 'EN'. The AGGM logo and 'Austrian Gas Grid Management AG' are on the left. A navigation menu is open, listing several options: 'Overview', 'My account', 'Market Area Data', 'EIC Codes', 'BGRs in the Eastern market area', 'Bulletin board', 'News and REMIT' (highlighted with a blue box), 'FAQs', 'Data exchange in the Eastern market area', and 'Downloads'. A yellow arrow points to the 'News and REMIT' option. Below the menu, there are three columns: 'Market area balance', 'News and REMIT', and 'Frequently used'. The 'News and REMIT' column contains text about subscribing to MGM news and UMM messages, with a 'Read more' link. The 'Frequently used' column lists 'Market area data', 'UMM messages', and 'Downloads' with right-pointing chevrons. The footer contains '© AGGM Austrian Gas Grid Management AG' and links for 'Credits', 'Contact', and 'Legal Notice'.

- ▶ UMM functionality of AGGM platform currently used by
  - ▶ AGGM (MAM)
  - ▶ AGGM (DAM)
  - ▶ GCA (TSO)

- ▶ Calendar-based filter for UMMs (Event start/stop) will be available on 30<sup>th</sup> Nov!

U UMM | Event-start (Gasday) Nov 27, 2017 | Event-stop (Gasday) Dec 27, 2017 | Rows per page 10

- ▶ Subscription for UMM via “Registration” button
- ▶ ATOM-Feed available:  
<https://platform.aggm.at/mgm/feed.atom>

Overview My account www.aggm.at

Market Area Data  
EIC Codes  
BGRs in the Eastern market area  
Bulletin board  
News and REMIT  
FAQs  
Data exchange in the Eastern market area  
Downloads

News and REMIT

News from the market area manager (MGM-News), ad-hoc notifications from the MAM and from the transmission system operators as well as other announcements from the MAM to its contractual partners are published below.

More detailed information concerning REMIT can be found on the E-Control website and on the website of the Agency for the Cooperation of Energy Regulators (ACER).

Subscribe to news, info and UMM

By subscribing to MGM news, info and UMM messages you are always well informed about news regarding the natural gas market.

Registration

All N Newsletter I Info U UMM 2017 Rows per page: 10

Type	Subject	Date
U	Urgent Market Message: Status MAM Balancing Solved	Oct 24, 2017 04:31:00
U	Urgent Market Message: Technical problems IT Solved	Oct 23, 2017 21:17:00
U	Urgent Market Message: Technical problems IT	Oct 23, 2017 14:56:00
U	Urgent Market Message: Status MAM Balancing	Oct 23, 2017 14:55:00
U	Urgent Market Message: Status MAM Balancing	Oct 18, 2017 19:15:00
U	Urgent Market Message: Interruption of Capacities	Oct 18, 2017 09:56:00
U	Urgent Market Message: Interruption of Capacities	Oct 18, 2017 02:44:00

- ▶ E-mail address [instandhaltung@aggm.at](mailto:instandhaltung@aggm.at) for maintenance communication with AGGM in operation
- ▶ Publication of the amended IAMP including DA (based on draft evaluation of the capacity restrictions) on the AGGM website (end of November 2017) – the respective UMMs will be published as soon as the final capacity evaluation based on the definitive capacity data for 2018 have been finished (first weeks of January 2018 at the latest)
- ▶ Improvement of the UMM visualization on the AGGM platform (calendar filter) – go-live end of November 2017
- ▶ Introduction of document (“questionnaires”) exchange via SharePoint platform – will be announced to the relevant system operators
- ▶ Enhancement of IAMP presentation planned



# Abbreviations

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- ▶ ACER Agency for the Cooperation of Energy Regulators
- ▶ DA Distribution Area
- ▶ DAM Distribution Area Manager
- ▶ IAMP Integrated Annual Maintenance Plan
- ▶ MAM Market Area Manager
- ▶ REMIT Regulation on Wholesale Energy Market Integrity and Transparency
- ▶ SSO Storage System Operator
- ▶ TS Transmission System
- ▶ TSO Transmission System Operator
- ▶ UMM Urgent Market Message

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