

**DRAFT**



**E-CONTROL**

# **Gas Market Code for the Tyrol and Vorarlberg Market Areas**

## **Chapter 2**

### **Messages and deadlines**

Gas Market Rules

Version 5 – March 2018

applies from 6.00 hrs on 1 October 2018

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## **1. Background**

This chapter of the gas market code is meant to give an overview in Table 1 of the relations and the necessary information exchange processes (nominations, schedules, meter readings, etc.) between the market players on the Austrian natural gas market. However, please note that there are additional information exchange processes under chapter 5 of the gas market code; these are consulted and published through <http://www.ebUtilities.at>.

Unless otherwise provided in Table 1 (i.e. unless there are alternative provisions for particular cases), all data must be submitted in the Edig@s-XML format with protocol AS4, in accordance with the further specifications in chapter 3 of the gas market code for the Tyrol and Vorarlberg market areas.

Please note that the current version of the market code still includes an alternative message format (KISS-A, which is further specified in chapter 3 of the gas market code for the Tyrol and Vorarlberg market areas). This ceases to be applicable at 6.00 hrs on 1 April 2019.

## **2. Table 1:**

#	Data exchange (nomination and renomination occur at different times)	Description	Counterparts		Time (D indicates the day of physical gas flow)			Data structure		Formats	
			From	To	Day-ahead	Intraday	Other	Structure	Time unit	EDIG@S	Other
<b>Nominations in the NCG MA for transports into the Tyrol and Vorarlberg MAs</b>											
1	nomination at the NCG VTP	nominations of the NCG VTP to hand over the gas volumes to be transported into T&V	BRP-G, DAM	MAM-G	by 14.00 on D-1	with a lead time of at least 2 hrs between 14.00 on D-1 and 03.00 on D	-	per BG-D: total volumes for T&V	hour values	NOMINT	
2	confirmation of nomination at the NCG VTP	confirmation message	MAM-G	BRP-G, DAM	following the rules for the NCG MA	following the rules for the NCG MA	-	per BG-D: total volumes for T&V	hour values	NOMRES	
3	nomination at the combined G-EP	as matching message per combined G-EP (nomination message not necessary)	DAM	TSO	by 15.00 on D-1	with a lead time of at least 1 hr between 15.00 on D-1 and 04.00 on D	-	volume per combined G-EP	hour values	DELORD	
4	confirmation of nomination at the combined G-EP	confirmation message	TSO	DAM	following the rules for the NCG MA	following the rules for the NCG MA	-	volume per combined G-EP	hour values	DELRES	
<b>Scheduling in the MA</b>											
10	confirmed schedules in the DA	allocated DA time series per BG	DAM	BRP	-	-	by 12.00 on D+1 for D	volume per direction and BG, separated into schedules for biogas, total of consumers with daily balancing, total of consumers with hourly balancing	hour values	ALOCAT	KISS-A
14	imbalance notice	information about imbalances from BG point of view, resulting from the allocated nominations and schedules in the MA (ZPE = BG long)	DAM	BRP	by 15.30 on D-1	no later than 1:30 hrs after the SOs' renomination deadline	-	volume per BG: - total entry - total exit - positive imbalance (long) - negative imbalance (short)	hour values	IMBNOT (imbalance notice)	KISS-A
20a	biogas schedule in the MA	BRP nominates biogas entries; BRP to DAM if BIO has authorised BRP to nominate	BRP	BIO/DAM	by 13.30 on D-1	with a lead time of at least 2:30 hrs	-	volume per entry point	hour values	NOMINT	KISS-A
21a	confirmation of the biogas schedule in the MA	confirmation message for BRP; DAM to BRP if BIO has authorised BRP to nominate	BIO/DAM	BRP	by 15.25 on D-1	no later than 1:55 hrs after the half hour following message receipt	-	volume per entry point	hour values	NOMRES	KISS-A
25a	allocated biogas schedules in the MA	allocated biogas entry volumes per BG (not needed if BIO has authorised BRP to nominate)	BIO	DAM	by 13.45 on D-1	with a lead time of at least 2:15 hrs	-	volume per BG	hour values	ALOCAT	KISS-A
26a	confirmation of allocated biogas schedules in the MA	confirmation message for BIO (not needed if BIO has authorised BRP to nominate)	DAM	BIO/BRP	by 15.00 on D-1	no later than 1:30 hrs after the half hour following message receipt	-	volume per BG	hour values	ALOCAT	KISS-A
27	SLP consumption forecast	forecast SLP withdrawals per supplier	DAM	BRP	by 12.00 on D-1	by 12.00 on D by 17.00 on D by 24.00 on D	-	volume per supplier	daily value	ALOCAT	KISS-A

28	consumer schedules	schedules for consumers with - daily balancing: consumers with a contracted capacity of up to 10,000 kWh/h and opting LM consumers (pursuant to section 18(7) GMM Ord.) - hourly balancing: other LM consumers excl. large consumers	BRP	DAM	by 13.30 on D-1	with a lead time of at least 2:30 hrs between 13.30 on D-1 and 02.30 on D	-	volume per BG and MA: total for consumers with daily balancing, total for consumers with hourly balancing excl. large consumers	hour values	NOMINT	KISS-A
29	large consumer schedules	separate schedule for each large consumer	BRP	DAM	by 13.30 on D-1	with a lead time of at least 2:30 hrs between 13.30 on D-1 and 02.30 on D	-	volume per BG; per consumer >50,000 kWh/h	hour values	NOMINT	KISS-A
30	confirmation of consumer and large consumer schedules	confirmation message of consumer and large consumer schedules	DAM	BRP	by 15.25 on D-1	no later than 1:55 hrs after the half hour following message receipt	-	volume per BG and MA: separated into consumers with daily and hourly balancing, schedules for consumers >50,000 kWh/h	hour values	NOMRES	KISS-A
31	schedules at CB IPs in the MA	schedules for CB IPs in the DA	BRP	DAM	by 13.30 on D-1	with a lead time of at least 2:30 hrs between 13.30 on D-1 and 02.30 on D	-	volume per direction and MA E/E and per BG	hour values	NOMINT	KISS-A
32	confirmation of schedules at CB IPs in the MA	confirmation message	DAM	BRP	by 15.25 on D-1	no later than 1:55 hrs after the half hour following message receipt	-	volume per direction and MA E/E and per BG	hour values	NOMRES	KISS-A
<b>Data exchanges DSOs/DAM</b>											
33	control schedules at DA E/E points	for E/E points in the DSO's system, for biogas facilities and large consumers	DAM	DSO	by 17.00 on D-1	at any time, with a lead time of at least 15 min between 15.00 on D-1 and 06.00 on D	-	volume per direction and per: - MA E/E - large consumer	hour values		KISS-A, MSCONS
34	basic data for SLP forecasts	submission of basic data to enable the DAM to forecast SLP consumption	DSO	DAM	daily by 9.00	daily by 9.00	-	consumption of previous years (as deviation factor) as total for consumers serviced by the same supplier, with the same SLP type and in the same temperature area, with daily reference to BG changes			MSCONS
35	SLP consumption forecasts of the DSO	instead of submitting the basic data, the DSO may submit its own SLP forecasts	DSO	DAM	by 11.00 on D-1	by 11.00 on D by 16.00 on D by 23.00 on D	-	SLP consumption forecast per supplier			MSCONS
36	throughput and pressure at E/E points in the MA		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
37	metered throughput of all system users whose readings are available online		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
38	metered throughput of large consumers	for LM consumers with a contracted maximum capacity of 50,000 kWh/h or more	DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )

39	injections and withdrawals metered at points where balancing energy is offered		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
40	pressure at the beginning and end of a pipeline section at grid level 1 and at connections with other SOs' systems		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
41	pressure at pipeline points with particular pressure requirements		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
42	throughput at E/E points and metering stations at grid level 1		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
43	information about the current operation mode of stations at grid level 1		DSO	DAM	-	online	-		4-minute values		XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
44	aggregated time series at IPs		DSO	DAM	-	-	by end of clearing	per IP, per connected system and per connected biogas facility	hour values		MSCONS
45	DSO system data		DSO	DAM	-	-	by end of clearing	total linepack changes, system losses, own consumption and metering deviations, separated into two components (one for positive and one for negative values in the time series)	hour values		MSCONS
46	target values		DAM	DSO	-	at all times	-	for throughput, pressure and operation mode of distribution facilities			XML in line with annex 1 to the GTC DAM-DSO ( <i>Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilergiebtsmanager</i> )
47	volumes requested for each metered consumer	GTC DAM-network, point 6.2.4, upon request by the DAM in line with the prerequisites listed therein (impending long-term capacity bottleneck)	DSO	DAM	-	-	monthly, during the following month (within 6 working days) in line with the clearing interval	volumes requested for each metered consumer	hour values		KISS-A, MSCONS
48	SLP consumption time series (daily balancing)	consumers with no load metering	DSO	DAM	-	-	by end of clearing	volume per supplier: total calculated SLP consumption	hour values		MSCONS
48a	LM consumption time series (daily balancing)	LM consumers with a contracted maximum capacity of up to 10,000 kWh/h	DSO	DAM	-	-	by end of clearing	volume per supplier: LM consumption with a contracted capacity of up to 10,000 kWh/h with daily balancing	hour values		MSCONS

49	LM consumption time series (opted daily balancing)	opted LM	DSO	DAM	-	-	by 12.00 on D+1 for D	volume per supplier: total metered LM consumption (opted daily balancing)	hour values		MSCONS
50	LM consumption time series (hourly balancing)	consumers with LM in the hourly balancing regime	DSO	DAM	-	-	by 12.00 on D+1 for D	volume per supplier: total metered LM consumption (hourly balancing)	hour values		MSCONS
51	injection from biogas points	injection data per biogas facility	DSO	DAM	-	-	monthly, during the following month: data needed by the DAM for assigning volumes, within 3 working days	injected volumes and pertaining calorific values (or, if available, energy volumes) for injection from biogas production	hour values		MSCONS
<b>Information exchange with the CSA for the purpose of balancing</b>											
53	confirmed consumer schedules	schedules that have been confirmed by the DAM for consumers with: - daily balancing: consumers with a contracted capacity of up to 10,000 kWh/h and opting LM consumers (pursuant to section 18(7) GMM Ord.) - hourly balancing: other LM consumers incl. large consumers	DAM	CSA	-	-	by 07.00 on D+1 (1 hr after the end of the gas day)	volume per BG and MA: total for consumers with daily balancing, total for consumers with hourly balancing	hour values		MSCONS
54	confirmed biogas injection schedules	biogas injection schedules of the BG that have been confirmed by the DAM	DAM	CSA	-	-	by 07.00 on D+1 (1 hr after the end of the gas day)	volume per BG	hour values		MSCONS
55	confirmed schedules at CB IPs in the MA	schedules that have been confirmed by the DAM for CB IPs in the DA	DAM	CSA	-	-	by 07.00 on D+1 (1 hr after the end of the gas day)	volume per BG	hour values		MSCONS
56	internal schedule of losses BG	procurement schedule for system losses and own consumption of a BG or a losses BG	DSO	CSA	-	-	-	per DSO	hour values		MSCONS
57	linepack time series	if residual load is allocated bottom-up, to correctly calculate the unaccounted-for load	DSO	CSA	-	-	by end of clearing	per system	hour values		MSCONS
58	SLP consumption time series	consumers with no load metering	DSO	CSA	-	-	by end of clearing	volume per supplier: total calculated SLP consumption	hour values		MSCONS
58a	LM consumption time series (daily balancing)	LM consumers with a contracted maximum capacity of up to 10,000 kWh/h	DSO	CSA	-	-	by end of clearing	volume per supplier: LM consumption with a contracted capacity of up to 10,000 kWh/h with daily balancing	hour values		MSCONS
59	LM consumption time series (daily balancing)	opted LM	DSO	CSA	-	-	by 12.00 on D+1 for D for daily meter readings, otherwise by end of clearing	volume per supplier: total metered LM consumption (opted daily balancing)	hour values		MSCONS

60	LM consumption time series (hourly balancing)	LM	DSO	CSA	-	-	by 12.00 on D+1 for D for daily meter readings, otherwise by end of clearing	volume per supplier: total metered LM consumption (hourly balancing)	hour values		MSCONS
61	biogas injection	time series of meter readings for biogas injection (metered production)	DSO	CSA	-	-	by end of clearing	per BG	hour values		MSCONS
62	meter readings at CB IPs in the DA	time series of meter readings for CB transport at distribution level according to volume allocation	DAM	CSA	-	-	by end of clearing	per BG	hour values		MSCONS
63	exchanges between systems	time series of meter readings of exchanges	DSO	CSA, DSO	-	-	by the 6th working day of a month	metered exchanges between systems	hour values		MSCONS
63a	residual load	total residual load per DSO	CSA	DAM	-	-	after clearing is concluded	per DSO	hour values		to be specified
64	MOL	submission of MOL including information about bidder and injection point	CSA	DAM	-	-	immediately after gate closure		hour values		PDF, MSCONS
64a	around-the-clock MOL	submission of MOL including information about bidder and injection point, as an alternative to MOL under row 64	CSA	DAM			16.00 on D-1 and then hourly for D until 04.00				MSCONS
65	MOL purchases of DAM	accepted MOL offers	DAM	CSA	-	-	immediately after the end of the gas day		hour values		MSCONS
66	BE purchases of DAM on behalf and for account of CSA	purchases at the gas exchange	VTP-O	CSA	-	-	no later than 25 min after the clearing house's delivery instruction reaches the VTP-O		hour values	EDIG@S	KISS-A
67	daily reference price of VTP/NCG	for settling the dedicated losses BG and differences between scheduled and metered biogas injections	VTP-O	CSA	-	-	immediately after gate closure	reference price	daily value		to be specified
68	OBA records	OBA movements documenting linepack usage between transmission and distribution level	TSO	CSA	-	-	by end of clearing	OBA exchanges per transmission and distribution system	hour values		to be specified
69	SLP consumption time series	consumers with no load metering	DSO	BRP	-	-	by end of clearing	volume per supplier: total calculated SLP consumption	hour values		MSCONS
69a	LM consumption time series (daily balancing)	LM consumers with a contracted maximum capacity of up to 10,000 kWh/h	DSO	BRP	-	-	by end of clearing	volume per supplier: LM consumption with a contracted capacity of up to 10,000 kWh/h with daily balancing	hour values		MSCONS
70	LM consumption time series (daily balancing)	opted LM	DSO	BRP	-	-	by 12.00 on D+1 for D for daily meter readings, otherwise by end of clearing	volume per supplier: total metered LM consumption (opted daily balancing)	hour values		MSCONS
71	LM consumption time series (hourly balancing)	consumers with LM in the hourly balancing regime	DSO	BRP	-	-	by 12.00 on D+1 for D for daily meter readings, otherwise by end of clearing	volume per supplier: total metered LM consumption (hourly balancing)	hour values		MSCONS
72	SLP consumption time series and meter readings	non-LM, meter readings if transmitted	DSO	supplier	-	-	by end of clearing	volume per supplier: total calculated SLP consumption	hour values		MSCONS

72a	LM consumption time series (daily balancing)	LM consumers with a contracted maximum capacity of up to 10,000 kWh/h	DSO	supplier	-	-	by end of clearing	volume per supplier: LM consumption with a contracted capacity of up to 10,000 kWh/h with daily balancing	hour values		MSCONS
73	LM consumption time series (daily balancing)	opted LM	DSO	supplier	-	-	by 12.00 on D+1 for D	volume per supplier: total metered LM consumption (opted daily balancing)	hour values		MSCONS
74	LM consumption time series (hourly balancing)	consumers with LM in the hourly balancing regime	DSO	supplier	-	-	by 12.00 on D+1 for D	volume per supplier: total metered LM consumption (hourly balancing)	hour values		MSCONS
74a	SM consumption time series	for consumers equipped with smart meters, daily values by default, hourly values only with consumer agreement	DSO	supplier	-	-	by end of clearing	volume per metering point	hour / daily values		MSCONS
75	biogas injection	time series of meter readings for biogas injection (metered production)	DSO	BRP	-	-	by end of clearing	per BG	hour values		MSCONS
76	biogas injection	time series of meter readings for biogas injection (metered production)	DSO	supplier	-	-	by end of clearing	per BG	hour values		MSCONS
78	LM consumption time series	LM, upon customer request	DSO	consumer	-	-	by 12.00 on D+1 for D for daily meter readings, otherwise by end of clearing	volume per consumer: metered LM consumer consumption	hour values		EXCEL, MSCONS
<b>Other data exchange</b>											
83	basic BRP data	information about BRPs and BGs active in the MA and their pairing with BRP-Gs and BG-Gs in the NCG MA	CSA	DAM	-	-	updated when changes occur		-	-	format agreed between DAM and CSA
84	entry and exit volumes and calorific values	SO data provision for calculating the MA calorific value	TSO, DSO	DAM	-	-	by end of clearing	per E/E point: either volume and calorific value or volume and energy quantity	last month's hourly time series	-	MSCONS
85	large consumer meter readings	for LM consumers with a contracted maximum capacity of 50,000 kWh/h or more	DAM	supplier	-	no later than 25 min after the full hour	-	per large consumer metering point	hour values	EDIG@S	MSCONS
85a	preliminary hourly meter readings of LM consumers	for LM consumers with a contracted maximum capacity between 10.000 kWh/h and 50,000 kWh/h	DSO	supplier, DAM	-	no later than 25 min after the full hour	-	per metering point	hour values	EDIG@S	MSCONS



Abbreviation	Explanation
BG	balance group
BG-G	balance group in the German market area NCG
BIO	producer of biogenic gas
BRP	balance responsible party
BRP-G	balance responsible party in the German market area NCG
CB	cross-border
CB IP	cross-border interconnection point
combined G-EP	combined entry point from Germany
CSA	clearing and settlement agent
D	gas day of physical flow
DA	distribution area
DAM	distribution area manager
E/E point	entry/exit point
GMM Ord.	Gas Market Model Ordinance
GTC	general terms and conditions
IP	interconnection point
LM	load meter
losses BG	balance group for network losses
MA	market area
MA E/E	entry/exit point in the market area
MAM-G	market area manager in the German market area NCG
MOL	merit order list
NCG	Net Connect Germany
OBA	operational balancing account
OTC	over the counter
SLP	standard load profile
SM	smart meter
SO	system operator
T&V	Tyrol and Vorarlberg
T&V MAs	Tyrol and Vorarlberg market areas
TN	transmission network
TSO	transmission system operator
VTP	virtual trading point