



E-CONTROL

Draft

**Gas Market Code for the Tyrol and
Vorarlberg Market Areas
Chapter 2**

Messages and deadlines

Gas Market Rules

Version 3 – June 2016

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.

Information is to be submitted according to the format specifications in Chapter 3 of the Gas Market Code for the Tyrol and Vorarlberg market areas (MAs). The following formats are used:

- Edig@s;
- KISS-A; and
- MSCONS.

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 |
| Nominations in the NCG MA for transports into the Tyrol and Vorarlberg MAs | | | | | | | | | | | |
| 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 | |
| Scheduling in the MA | | | | | | | | | | | |
| 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. 2012) - 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 |

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| | | | From | To | Day-ahead | Intraday | Other | Structure | Time unit | EDIG@S | Other |
| 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 MA | 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 |
| Data exchanges DSOs/DAM | | | | | | | | | | | |
| 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 (Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilungsgebietsmanager) |
| 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 (Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilungsgebietsmanager) |
| 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 (Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilungsgebietsmanager) |
| 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 (Spezifikation des Online-Datenaustauschs zwischen Netzbetreiber und Verteilungsgebietsmanager) |

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| | | | From | To | Day-ahead | Intraday | Other | Structure | Time unit | EDIG@S | Other |
| 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 Verteilungsmanager</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 Verteilungsmanager</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 Verteilungsmanager</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 Verteilungsmanager</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 Verteilungsmanager</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 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 in the daily balancing regime | hour values | | MSCONS |

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| | | | From | To | Day-ahead | Intraday | Other | Structure | Time unit | EDIG@S | Other |
| 49 | LM consumption time series (opted daily balancing) | opted LM | DSO | DAM | - | - | 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 |
| 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 for daily meter readings, otherwise by end of clearing | 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 |
| Information exchange with the CSA for the purpose of balancing | | | | | | | | | | | |
| 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. 2012) - 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 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 in the daily balancing regime | 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 |

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| | | | From | To | Day-ahead | Intraday | Other | Structure | Time unit | EDIG@S | Other |
| 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 |
| 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 ECC'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 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 in the daily balancing regime | 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-LP, meter readings if transmitted | DSO | supplier | - | - | by end of clearing | volume per supplier: total calculated SLP consumption | hour values | | MSCONS |

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|----------------------------|--|---|--------------|----------|---|--|--|--|---------------------------------|---------|-----------------------------------|
| | | | From | To | Day-ahead | Intraday | Other | Structure | Time unit | EDIG@S | Other |
| 72a | LM consumption time series (daily balancing) | LM consumers with a contracted maximum capacity 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 in the daily balancing regime | hour values | | MSCONS |
| 73 | LM consumption time series (daily balancing) | opted LM | DSO | supplier | - | - | 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 |
| 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 for daily meter readings, otherwise by end of clearing | 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 |
| Other data exchange | | | | | | | | | | | |
| 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 | E/E 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 |

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