

**Technical Rule no. 07 Rev.
02 MGAS**

(under Article 4 of the Natural-Gas Market Rules, approved by the Ministry of Economic Development with its Decree of 6 March 2013, as subsequently amended and supplemented)

Title	Types of contracts, Duration of the Trading Period and Cascading Mechanism
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Reference Legislation	Article 2, para. 2.1, subpara. r), Article 28, para. 28.3; Article 55, para. 55.2 and Article 60, para. 60.1 – MGAS Rules
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In force from 28 November 2019

1. Foreword

Article 2, para. 2.1, letter r), of the MGAS Rules provides that forward contracts admitted to trading into the MT-GAS shall be defined in the Technical Rules.

Articles 28, para. 28.3 of the MGAS Rules, provides that the duration of the trading period of each type of contract in the MGP-GAS and MI-GAS shall be defined in the Technical Rules.

Article 55, para. 55.2 of the MGAS Rules provides that the list of forward contracts and their duration of the trading period shall be defined in the Technical Rules.

Article 60 of the MGAS Rules provides that, after their trading period, forward contracts shall be settled under the cascading mechanism in accordance with the procedures and within the time limits defined in the Technical Rules. The same Article also provides that, under the above-mentioned mechanism, the contractual positions held on each forward contract shall, at the end of the corresponding trading period, be replaced by equivalent contractual positions with shorter delivery periods.

2. Types of contracts admitted to trading into the MGAS

MGP-GAS and MI-GAS admit Daily products.

MT-GAS admits the following contracts:

- a) yearly contracts with delivery period corresponding to the calendar year (from January to December);
- b) half-yearly contracts with delivery period corresponding to six months of winter (from October to March) and the summer semester (from April to September);
- c) quarterly contracts with delivery period corresponding to the first, second, third and fourth quarter of each year;
- d) monthly contracts with a delivery period corresponding to each calendar month;
- e) BoM contracts.

3. Trading period

The following contracts will be simultaneously traded in the MGAS:

- 3 daily contracts in the MGP-GAS (G+1, G+2, G+3): the three gas-days after the one on which the market session ends;

- 1 daily contract in the MI-GAS (G): the same gas-day on which the market session ends;
- 3 monthly contracts (M+1, M+2, M+3);
- 4 quarterly contracts (Q+1, Q+2, Q+3, Q+4);
- 2 half-yearly contracts (S+1, S+2);
- 1 yearly contract/calendar year (SY+1);
- 1 BoM contract: except for the fifth-to-the-last and fourth-to-the-last day of the month.

In the MP-GAS, contracts are traded in the following trading periods:

- Daily contracts in the MGP-GAS:
 - First trading session: third gas-day before the gas-day covered by the contract;
 - Last trading session: gas-day before the gas-day covered by the contract;
- Daily contract in the MI-GAS:
 - Single trading session taking place on the gas-day corresponding to the gas-day covered by the contract.

In the MT-GAS, tradable contracts have the following trading periods:

- Monthly contracts:
 - First trading session: day of open market after the last day of trading of the contract pertaining to the previous third month;
 - Last trading session: fourth day of open market before the first calendar day of the month covered by the contract;
- Quarterly contracts:
 - First trading session: day of open market after the last day of trading of the contract pertaining to the previous fourth quarter;
 - Last trading session: fourth day of open market before the first calendar day of the quarter covered by the contract;
- Half-yearly contracts:
 - First trading session: day of open market after the last day of trading of the contract pertaining to the previous second half-year;
 - Last trading session: third day of open market before the first calendar day of the

half-year covered by the contract;

- Yearly contract/calendar year:
 - First trading session: day of open market after the last day of trading of the contract pertaining to the previous calendar year;
 - Last trading session: fourth day of open market before the first calendar day of the calendar year covered by the contract;
- BoM contract
 - In each trading session, a BoM contract is traded whose delivery period consists of the gas-days elapsing from the fourth gas-day after the one of the session to the last day of the same month. If the fourth gas-day after the one of the market coincides with the first or last day of the month, the BoM contract is not traded.

4. Cascading mechanism

The cascading mechanism provides that, at the end of the session of the last trading day, the positions on the annual contract are divided into equivalent positions of contracts with shorter maturity (half-yearly and quarterly). In turn, the positions on a six-month contract are divided into equivalent positions of contracts with shorter maturity (monthly and quarterly). Similarly, a position on a three-month contract is converted into equivalent positions on the corresponding monthly contracts and a position on a monthly contract is converted into equivalent positions on the corresponding days of the BoM.

Annual contracts

At the end of the session of the last trading day of the annual contract, GME assigns each Participant which has an open position on this contract:

- a fictitious transaction with opposite sign than the open position, at a price equal to the control price of the last trading day of the annual contract and an amount corresponding to the open position;
- fictitious transactions with sign equal to the open position on the annual period on the following contracts:
 - summer half-year contract;
 - quarterly contract relative to Q4 of the same year;
 - February and March monthly contracts;

- BoM contract traded in the following day, which has gas-days from the second to the last day of January as the object;
- 1st of January gas-day-related daily contract traded on the MGP-GAS.

The price of such transactions must be equal to the last control price relating to each contract subject of the transaction and the amount must correspond to the open position.

The attribution of the fictitious transaction relating to the daily contract corresponding to the gas-day 1st of January takes place only if the adequacy verifications are successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not successful, a transaction of opposite sign is attributed to the Market Participant on the MT-GAS according to the Technical Rules 12 MGAS.

Half-year contracts

At the end of the session of the last trading day of the winter half-year contract, GME assigns each Participant which has an open position on this contract:

- a fictitious transaction with opposite sign than the open position, at a price equal to the control price of the last trading day of the half-year contract and an amount corresponding to the open position;
- fictitious transactions with sign equal to the open position on the half-year period on the following contracts:
 - quarterly contract relating to Q1 of the next thermal year.
 - November and December monthly contracts;
 - BoM contract traded in the following day, which has gas-days from the second to the last day of October as the object;
 - 1st of October gas-day-related daily contract traded on the MGP-GAS.

The price of such transactions must be equal to the last control price relating to each contract subject of the transaction and the amount must be corresponding to the open position.

The attribution of the fictitious transaction relating to the daily contract corresponding to the gas-day 1st of October takes place only if the adequacy verifications are successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not

successful, a transaction of opposite sign is attributed to the Market Participant on the MT-GAS according to the Technical Rules 12 MGAS.

At the end of the session of the last trading day of the summer half-year contract, GME assigns each Participant which has open position on this contract:

- a fictitious transaction with opposite sign than the open position, at a price equal to the control price of the last trading day of the half-year contract and an amount corresponding to the open position;
- fictitious transactions with sign equal to the open position on the half-year period on the following contracts:
 - quarterly contract relating to Q3 of the next thermal year;
 - May and June monthly contracts;
 - BoM contract traded in the following day, which has gas-days from the second to the last day of April as the object;
 - 1st of April gas-day-related daily contract traded on the MGP-GAS.

The price of such transactions must be equal to the last control price relating to each contract subject of the transaction and the amount must be corresponding to the open position.

The attribution of the fictitious transaction relating to the daily contract corresponding to the gas-day 1st of April takes place only if the adequacy verifications are successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not successful, a transaction of opposite sign is attributed to the Market Participant on the MT-GAS according to the Technical Rules 12 MGAS.

Three-month contracts

At the end of the session of the last trading day of the three-month contract, GME assigns each Participant which has an open position on this contract:

- a fictitious transaction with opposite sign than the open position, at a price equal to the control price of the last trading day of the three-month contract and an amount corresponding to the open position;

- fictitious transactions with sign equal to the open position on the three-month period on the following contracts:
 - monthly contracts corresponding to the second and third month of the quarter;
 - BoM contract traded in the following day, which has gas-days from the second to the last day of the first month of the quarter as the object;
 - first day of the first month of the quarter-related daily contract traded on the MGP-GAS.

The price of such transactions must be equal to the last control price relating to each contract subject of the transaction and the amount must correspond to the open position.

The attribution of the fictitious transaction relating to the daily contract corresponding to the first day of the first month of the quarter takes place only if the adequacy verifications are successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not successful, a transaction of opposite sign is attributed to the Market Participant on the MT-GAS according to the Technical Rules 12 MGAS.

Monthly contracts

At the end of the session of the last trading day of the monthly contract, GME assigns each Participant which has an open position on this contract:

- a fictitious transaction with opposite sign than the open position, at a price equal to the control price of the last trading day of the monthly contract and an amount corresponding to the open position;;
- fictitious transactions with sign equal to the open position on the monthly contract on the following contracts:
 - BoM contract which subject is the gas days ranging from the second day of the month until the end of the same month.
 - daily contract traded in the MGP-GAS corresponding to the first day of the month.

The price of such transactions must be equal to the last control price of the monthly contract and the amount must correspond to the open position.

The attribution of the fictitious transaction relating to the daily contract corresponding to the first day of the first month takes place only if the adequacy verifications are

successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not successful, a transaction of opposite sign is attributed to the Market Participant on the MT-GAS according to the Technical Rules 12 MGAS.

BoM contracts

Every day, after the close of the trading session of the BoM contract, with the exception of the sole BoM contract for the last two gas-days of the month, GME assigns each Participant which has an open position of said BoM contract:

- a fictitious transaction with equal sign to the open position at a price equal to the control price calculated at the end of the same trading day of the BoM contract and an amount corresponding to the open position;
- fictitious transactions with sign equal to the open position, on the BoM contract on the following contracts:
 - BoM contract traded in the next day and corresponding to the same month;
 - a fictitious transaction with equal sign to the open position, on the daily contract which will be traded in the MGP-GAS and corresponding to the first day on the BoM contract traded on the same day.

The price of such fictitious transactions must be equal to the last control price for the BoM traded on the same day.

The attribution of the fictitious transaction relating to the daily contract takes place only if the adequacy verifications are successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not successful, a transaction of opposite sign is attributed to the Market Participant on the MT-GAS according to the Technical Rules 12 MGAS.

After the closure of the session of the BoM contract related to the last two gas-days of the month, GME assigns each Market Participant which has an open position of said BoM contract:

- a fictitious transaction with opposite sign than the open position at a price equal to the control price calculated at the end of the same trading day of the BoM contract and an amount corresponding to the open position

a fictitious transaction with equal sign to the open position, on the daily contract which will be traded in the MGP-GAS of the days of the BoM contract. The price of such transaction on the daily contract must be equal to the last control price of the BoM. The attribution of this transaction takes place only if the adequacy verifications are successful. If these verifications are not successful or if, despite being successful, the subsequent physical delivery to the PSV of the position relating to this daily contract is not successful, a transaction of opposite sign is attributed to the Market Participant according to the Technical Rules 12 MGAS.

Records of fictitious transactions described in this paragraph and related to daily contracts are made every day after the closure of the MT-GAS trading session and before opening the trading session of the MGP-GAS of said gas-day.

5. Naming convention for the GME products tradable through Trayport® Global Vision portal

For those market participants who access to the MGAS via Trayport, it is underlined that spot products traded on MI-GAS (gas-day G) and MGP-GAS (gas-day G+1, G+2 and G+3) shall be labeled on Trayport screen according to the following criteria which considers as holidays:

- the Saturdays;
- the Sundays
- any other holiday according to the British calendar available at the following link:
<https://www.gov.uk/bank-holidays>

According to the above, the naming convention to label the spot products on Trayport's screens foresees that:

- the Trayport screen for the product "WD" (within the day) shall host the intraday product traded on MI-GAS (product G);
- the Trayport screen for the product "DA" (Day-Ahead) shall host the product of the next business day following the current trading day and, consequently, this product shall be:
 - the product G+1, in case the day G+1 is a business day;
 - the product G+2, in case the day G+1 is a holiday and the day G+2 is a business day;

- the product G+3, in case both the day G+1 and the day G+2 are holidays and the day G+3 is a business day;
- no product in case the days G+1, G+2 and G+3 are holidays.
- the Trayport screen of each day of the week (“Monday”, “Tuesday”, “Wednesday”, “Thursday”, “Friday”, Saturday” e “Sunday”) shall host:
 - the product G+1, in case the day G+1 is a holiday;
 - the product G+2, except in case, according to the above mentioned criteria, the product G+2 is hosted in the screen “DA”;
 - the product G+3, except in case, according to the above mentioned criteria, the product G+3 is hosted in the screen “DA”.

To all Market Participants whose users access trading books via Trayport: please note that BoM products traded on the MT-GAS can be viewed on Trayport with the sequence GAS-NG BOM (D+4).