



# FGSZ NATURAL GAS TRANSMISSION CLOSED COMPANY LIMITED BY SHARES

## SPECIAL CONTRACTUAL TERMS AND CONDITIONS

## I. UNIVERSAL AND SPECIAL RULES REGARDING CROSS-BORDER AND INTERCONNECTING NETWORK POINTS

### GENERAL RULES OF NOMINATION AND NOMINATION CONSISTENCY EXAMINATION

On FGSZ Ltd's system, nomination / renomination and nomination consistency examination shall be carried out at all cross-border and interconnecting network point with the data expressed in gross calorific value (GCV) based hour energy in kWh (at 25°C/0°C), specifying the shipper pairs.

The interconnection agreement concluded between the transmission system operators defines which transmission system operator the single-sided nomination shall be submitted to, i.e. which transmission system operator has the Active and the Passive role. Normally, the Initiative system operator (ISO) has the Active role regarding the given network point.

The interconnection agreement concluded between the transmission system operators defines the roles during the nomination consistency examination. The role can be Initiative (ISO) or Matching (MSO). The default approach is "the smaller" principle in case of different nomination consistency examinations results.

In accordance with the ISO role, the transmission system operator submits the received nominations / renominations broken down by shipper pairs, to the neighbouring network operator who in accordance with the MSO role carries out the consistency examination pursuant to the applicable principles. The transmission system operator and the Network Users concerned shall be notified of the result of the examination. The transmission system operators shall validate the result in the Network Users' nominations and shall consider the result as transmission task.

At cross-border delivery points and interconnecting network points, transmission network operators use OBA invoice. The volume allocated for each Network User is equal to the volume confirmed to the Network Users, i.e. the result of the last, valid nomination consistency examination.

At cross-border delivery points and interconnecting network points, FGSZ Ltd shall receive/deliver the volume transmitted by the Network Users under protocol. The protocol includes the gross calorific value (GCV) based energy volume transmitted and received, expressed in kWh (at 25/0°C).

If needed, the volume regarding the relevant month shall be corrected by the neighbouring network operators till the 5<sup>th</sup> day of each month. The final allocation per Network User shall be registered on the Informatic Platform till the 10<sup>th</sup> of each month.

Different or more detailed rules regarding a given network point can be found in Part "Special rules".

At those network points regarding which the interconnecting transmission system operators mutually agreed on providing single sided nomination service, network users may submit their nominations through single sided nomination.

## **1. SPECIAL RULES OF NOMINATION, ALLOCATION AND ACCOUNTING REGARDING "MOSONMAGYARÓVÁR (HU>AT)" VIRTUAL EXIT POINT AND INTERRUPTIBLE TRANSMISSION WITH REVERSE DIRECTION**

### **Capacity booking:**

For interruptible transmission with reverse direction, network users shall book capacity at „Mosonmagyaróvár (HU>AT)” virtual exit point of the network code KAMOSONM1HBN.

### **Nomination:**

There are no special rules regarding nomination.

### **Nomination consistency examination (Matching):**

During the matching procedure, FGSZ Ltd. has the role of ISO.

### **Single sided nomination:**

Currently, single sided nomination service is not provided at this network point.

### **Allocation:**

There are no special rules regarding allocation.

### **Accounting, preparing protocols**

There are no special rules regarding accounting and protocol preparation.

### **Conditions of interruptible transmission with reverse direction**

In the winter period, the nominations submitted for interruptible capacity with reverse direction can be performed only if the nomination submitted for the entry point exceeds 2.157 million kWh/hour after deducting the demand for interruptible capacity with reverse direction.

In the off-winter period, the nominations submitted for interruptible capacity with reverse direction can be performed only if the nomination submitted for the entry point exceeds 0.539 million kWh/hour after deducting the demand for interruptible capacity with reverse direction.

The transmission system operator may define a quantitative limit lower than described above, if the hydraulic conditions allow it. If at the given entry point the submitted nominations in the normal direction are not sufficient for the safe operation of the transmission system, FGSZ Ltd shall reduce the availability of the interruptible capacity with reverse direction through interruption procedure to a sufficient extent. The interruption shall take place preceding or during the gas day.

## **2. SPECIAL RULES OF CAPACITY BOOKING, NOMINATION, ALLOCATION AND ACCOUNTING REGARDING "CSANÁDPALOTA (HU>RO)" CROSS-BORDER EXIT AND "CSANÁDPALOTA (RO>HU)" CROSS-BORDER ENTRY POINTS AND THE VIRTUAL EXIT AND ENTRY POINTS CONNECTING ONLY TO THE ABOVE INTERCONNECTION POINTS, ENABLING THE USE OF THE DOMESTIC HIGH PRESSURE NATURAL GAS TRANSMISSION PIPELINE**

### **Capacity booking:**

Csanádpalota (HU>RO) exit point and the connecting virtual exit point of the domestic high pressure natural gas transmission system, together with Csanádpalota (RO>HU) entry point and the connecting virtual entry

point of the domestic high pressure natural gas transmission system shall be considered as an interconnection pipeline section by the transmission system operator.

Bundled and unbundled capacity shall be booked in case of exit point at „Csanádpalota” (HU>RO) exit point (KECSANAD1HHN), in case of entry point at “Csanádpalota” (RO>HU) Bundled entry point (KECSANAD1IIN).

Network Users shall book capacities at the entry and exit points of the interconnection pipeline section separately:

1. At „Csanádpalota (HU>RO)” exit point of the network code KECSANAD1HHN, if the balance of the delivery task for Csanádpalota (HU>RO) exit point (sum of all nominations (NOM)) is smaller than 0, i.e. the Network User transmits natural gas out of the interconnection pipeline section.
2. At „Csanádpalota (RO>HU)” entry point of the network code KECSANAD1IIN, if the balance of the delivery task for Csanádpalota (RO>HU)” entry point (sum of all nominations (NOM)) is bigger than 0, i.e. the Network User transmits natural gas into the interconnection pipeline section.
3. At “Algyő virtual exit” point of the network code KEALGYO03EEN if the balance of the delivery task for “Csanádpalota (HU>RO)” exit point and „Csanádpalota (RO>HU)” entry point (sum of all nominations (NOM)) is smaller than 0, i.e. the Network User transmits natural gas out of the Hungarian natural gas transmission system.
4. At “Algyő virtual entry” point of the network code KEALGYO03TEN if the balance of the delivery task for “Csanádpalota (HU>RO)” exit point and „Csanádpalota (RO>HU)” entry point (sum of all nominations (NOM)) is bigger than 0, i.e. the Network User transmits natural gas into the Hungarian natural gas transmission system.

With respect to the capacities described in points 3 and 4 the Network User is entitled to book a capacity product (firm, interruptible) ensuring usage rights equivalent to those described in points 1 and 2.

If the Network User sells any of the booked capacities described in points 1-4 via bilateral (secondary) capacity trade transaction, the new Network User is obliged to book or purchase via bilateral (secondary) capacity trade transaction the required capacities described in points 1-4 for the delivery task related to the purchased capacity.

Secondary capacity trade transaction shall take place in accordance with the Capacity Booking Platform Regulation.

#### **Nomination:**

Network Users shall submit their nominations regarding the exit point of Csanádpalota (HU>RO) and entry point of Csanádpalota (RO>HU) till 14:00 preceding the given gas-day. Afterwards, the Informatic Platform shall carry out the capacity examination regarding the above points. The transmission system operator following the accounting when determining capacity overrun shall carry out capacity examination of the two virtual points of Algyő.

#### **Nomination consistency examination (Matching):**

There are no special rules regarding nomination consistency examination.

#### **Single sided nomination:**

At this network point, the FGSZ Ltd (active NNO) forwards the submitted singled sided nomination submitted on the Informatic Platform, to the interconnecting transmission system operator (passive NNO).

#### **Allocation:**

There are no special rules regarding allocation.

**Accounting, preparing protocols:**

There are no special rules regarding accounting and protocol preparation.

**3. SPECIAL RULES OF NOMINATION, ALLOCATION AND ACCOUNTING REGARDING  
"DRÁVASZERDAHELY" (HU>CR) CROSS BORDER EXIT AND "DRÁVASZERDAHELY (CR>HU)"  
CROSS-BORDER ENTRY POINTS**

**Capacity booking:**

Bundled and unbundled capacity shall be booked in case of exit point at „Drávaszerdahely” (HU>CR) exit point of the network code GEDRAVAS1HHN. Regarding “Drávaszerdahely” (CR>HU) entry point of the network code GEDRAVAS1IIN bundled capacity is not offered.

**Nomination:**

There are no special rules regarding nomination.

**Nomination consistency examination (Matching):**

There are no special rules regarding nomination consistency examination.

**Single sided nomination:**

At this network point, the FGSZ Ltd (active NNO) forward the singled sided nomination submitted on the Informatic Platform, to the interconnecting transmission system operator (passive NNO).

**Allocation**

There are no special rules regarding allocation.

**Accounting, preparing protocols:**

There are no special rules regarding accounting and protocol preparation.

**4. SPECIAL RULES OF NOMINATION, ALLOCATION AND ACCOUNTING REGARDING  
"BEREGDARÓC 800 (HU>UA)" EXIT AND "BEREGDARÓC (UA>HU)" ENTRY POINTS**

**4.1. Regarding the “Beregdaróc 800 (HU>UA)” network point**

**Nomination:**

There are no special rules regarding nomination.

**Nomination consistency examination (Matching):**

There are no special rules regarding nomination consistency examination.

**Single sided nomination:**

Currently, single sided nomination service is not provided at this network point.

**Allocation:**

There are no special rules regarding allocation.

**Accounting, preparing protocols:**

There are no special rules regarding accounting and protocol preparation.

**4.2. Regarding the “Beregdaróc 1400 (UA>HU)” network point**

**Nomination:**

- the unit used on the Hungarian side is: gross calorific value (GCV) based energy in kWh at 25°C/0°C
- the unit used on the side of the interconnecting transmission system operator: volume in m<sup>3</sup> at 20°C

**Nomination consistency examination (Matching):**

Nomination consistency examination shall be carried out in m<sup>3</sup> at 20°C and in aggregated, daily quantity.

**Single sided nomination:**

Currently, single sided nomination service is not provided at this network point.

**Allocation:**

The whole daily quantity is by applying the pro rata principle.

**Accounting, preparing protocols:**

Accounting and preparing protocol of energy volume are carried out in kWh/day regarding domestic Network Users and in m<sup>3</sup> (20°C) regarding Ukrtransgaz.

**5. SPECIAL RULES OF NOMINATION, ALLOCATION AND ACCOUNTING REGARDING HUNGARIAN/SERBIAN “KISKUNDOROZSMA (HU>RS)” CROSS-BORDER EXIT POINT**

**Capacity booking**

The Network User shall book capacities regarding the below entry and exit points in kWh/hour:

1. Regarding entry point(s) (if the Network User intends to ensure the source side entry from the existing portfolio, booking is not required on the entry side)
2. Regarding the exit point of “Városföld exit” with the network code of KEVAROSF1VEN.
3. Regarding the exit point of “Kiskundorozsma (HU>RS)” with the network code of KEKISKUD1HHN.

**Nomination consistency examination (Matching):**

The interconnecting Network User shall submit the basic data regarding the nomination consistency examination expressed in volume (20°C). Both the Network User on the Hungarian side and FGSZ Ltd shall establish the GCV-based nominated energy expressed in kWh/hour at 25/0 °C applying the following formula:

$$Q_{kWh(GCV_{alapú}(25/0°C))} = \frac{Q_{m^3(20°C)}}{1,07322} * GCV_{kWh/m^3(25/0°C)}$$

i.e. the volume nominated on the Serbian side at 20 °C shall be divided by the temperature conversion coefficient, then multiplied by GCV at 25/0 °C expressed in kWh/ m<sup>3</sup>, published in the Quality Accounting Rules.

The resulting energy volume in kWh (25/0 °C) shall be nominated for the given day by the Network User on the Informatic Platform (IP) of FGSZ Ltd.

The Network User on the Hungarian side shall submit its nomination via our Company's Informatic Platform and send the daily nomination in m<sup>3</sup> at 20 °C and in kWh at 15 °C via e-mail until 10:00 CET the day preceding the gas day at the latest to the System Operation Centre (RIK).

JP SRBIJAGAS shall send the daily transmission request to RIK until 10:00 CET the day preceding the gas day at the latest, in which the demanded natural gas volume is indicated (in m<sup>3</sup> at 20 °C) regarding the following gas day.

If the demand submitted by JP SRBIJAGAS does not exceed the capacity booked on the system of FGSZ Ltd regarding the given day, and the quantities submitted by the Network Users and JP SRBIJAGAS match, RIK shall send a confirming e-mail to the Network Users and JP SRBIJAGAS on the receipt and registering of the nominations within 2 hours after receiving the daily nomination pursuant to the nomination confirmation procedure defined by the BCC:.

If the volumes do not match, FGSZ shall notify the Network User of the mismatch, ensuring an opportunity to modify the volume. In case of a discrepancy the volume submitted by the Network User shall be confirmed to JP SRBIJAGAS since this is the amount that shall be displayed on IP.

If the Network User has not submitted its nomination, FGSZ shall consider the delivery task 0 irrespective of the volume submitted by JP SRBIJAGAS.

Regarding the given gas day FGSZ Ltd shall consider the volume quantity at 20 °C sent to JP SRBIJAGAS in the last confirmation as the final matched quantity.

#### **Single sided nomination:**

Currently, single sided nomination service is not provided at this network point.

#### **Allocation**

The volume measured at the interconnection point shall be allocated in volume at 20 °C by the neighbouring network operator (JP SRBIJAGAS). By FGSZ Ltd., the above volume shall be converted to kWh with the help of the temperature conversion coefficient and the GCV of the given day expressed in kWh/ m<sup>3</sup> at 25/0 °C.

#### **Accounting, preparing protocols**

There are no special rules regarding accounting and protocol preparation.

### **6. SPECIAL RULES OF NOMINATION, ALLOCATION AND ACCOUNTING REGARDING "VECSÉS 4 (FGSZ>MGT)" AND "VECSÉS 4 (MGT>FGSZ)" INTERCONNECTION POINTS**

#### **Capacity booking:**

Capacity available at the interconnection point is allocated for the Network Users by MGT on the RBP within the framework of secondary capacity trade.

#### **Nomination:**

There are no special rules regarding nomination.

**Nomination consistency examination (Matching):**

During the matching procedure, FGSZ Ltd. has the role of ISO.

**Single sided nomination:**

Currently, single sided nomination service is not provided at this network point.

**Allocation:**

There are no special rules regarding allocation.

**Accounting, preparing protocols:**

There are no special rules regarding accounting and protocol preparation.

## **7. ENSURING ENTRY PRESSURE AT BORDER ENTRY AND INTERCONNECTING POINTS**

The Network User is obliged to ensure the below entry pressure at the border entry points:

- at the Ukrainian-Hungarian border entry point, at the interconnection point of "Beregdaróc 1400 (UA>HU)" with the network code HABEREGD1IIN minimum 41 bara,
- at the Austrian-Hungarian border entry point, at the interconnection point of "Mosonmagyaróvár (AT>HU)" with the network code KAMOSONM1IIN minimum 39 bara,
- at the Croatian-Hungarian border entry point, at the interconnection point of "Drávaszerdahely (CR>HU)" with the network code GEDRAVAS1IIN minimum 53 bara measured at the delivery point of Donji Miholjac,
- at the Romanian-Hungarian border entry point, at "Csanádpalota (RO>HU)" with the network code KECSANAD1IIN minimum 21 bara measured at the delivery point of Csanádpalota,
- at the interconnecting point of Vecsés 4, at Vecsés 4 (MGT>FGSZ) with the network code of VEVECSSES1IIN minimum 46 bara measured at the delivery point of Vecsés.

## **8. ENSURING EXIT PRESSURE AT BORDER EXIT AND INTERCONNECTING POINTS**

The below exit pressure must be ensured at the border exit points:

- at the Hungarian-Serbian border exit point, at the interconnection point of "Kiskundorozsma (HU>RS)" with the network code KEKISKUD1HHN minimum 44.2 bara,
- at the Hungarian-Romanian border exit point, at "Csanádpalota (HU>RO)" with the network code KECSANAD1HHN minimum 21 bara,
- at the Hungarian-Croatian border exit point, at the interconnection point of "Drávaszerdahely (HU>CR)" with the network code GEDRAVAS1HHN minimum 53 bara measured at the delivery point of Drávaszerdahely,
- at the Hungarian-Ukrainian border exit point, at the interconnection point of "Beregdaróc (HU>UA)" with the network code HABEREGD1HHN 41+1 bara, measured at the delivery point of Beregdaróc,
- at the interconnecting point of Vecsés 4, at Vecsés 4 (MGT>FGSZ) with the network code of VEVECSSES1IIN minimum 46 bara measured at the delivery point of Vecsés.



## **II. SPECIAL RULES REGARDING CERTAIN DOMESTIC NETWORK POINTS**

### **1. INERT BOOKING**

Inert natural gas with approx. 5,3 kWh/m<sup>3</sup> capacity is transmitted through the pipeline between Kenderes and Tiszaújváros. At Kenderes II Inert „0” point (HAKENDER2NNN), capacity shall be booked to the extent of MOL Plc KT's production; the actual injection may exceed this amount by the energy volume (kWh/h) of the natural gas provided at Kenderes I-2 (KTD) exit point for the purpose of blending. On the IP, the sum of these two capacities shall be recorded for Kenderes II Inert „0” point (HAKENDER2NNN). System usage fee shall be paid on the basis of the entry capacity amount of MOL Plc KT's production and the capacity booked for the purpose of blending at Kenderes I-2 (KTD) virtual exit point.

At least the capacity amount (kWh/h) booked and totalled at Kenderes II Inert „0” point shall be booked at Tiszaújváros I-4 (INERT II) exit point. The energy content nominated and injected at Kenderes II Inert „0” point shall be equal to the energy content nominated at Tiszaújváros I-4 (INERT II) exit point.

During daily accounting, the energy transmitted at Tiszaújváros I-4 (INERT II) exit point is equal to the energy volume measured at Kenderes II Inert „0” point. During month-end accounting, FGSZ Ltd corrects the measured daily quantity with the monthly stock changes of the pipeline between Kenderes and Tiszaújváros in proportion to the measured daily quantity. Stock changes are recorded on a monthly basis.

### **2. KARDOSKÚT GASOIL SYSTEM**

Natural gas is injected into Kardoskút gasoil system at Kardoskút 2 exit point.

In the direction of ÉGÁZ-DÉGÁZ Ltd, the shipper is the Network User with capacity booking; in the direction of MOL Plc KT, the shipper is MOL Plc KT.

Gas meters located at ÉGÁZ-DÉGÁZ Ltd's consumer points belonging to the natural gas transmission system are owned by ÉGÁZ-DÉGÁZ Ltd. At these points, the values are read once in a month through the involvement of FGSZ Ltd's district inspectors. Regarding traders involved in supplying users, ÉGÁZ-DÉGÁZ Ltd submits allocation to FGSZ Ltd in accordance with the BCC.

The reading at MOL Plc KT consumption points is carried also in a monthly basis, through the involvement of FGSZ Ltd's district inspectors.

Daily energy volume is allocated in proportion to the monthly quantity read by the transmission system operators.

### **3. NAGYLENGYEL KTD-ZRG**

The connecting system operator is MOL Plc KT. Therefore, MOL Plc KT shall carry out the daily allocation.

If the connecting system operator does not comply with this obligation or the allocated quantity is objected, FGSZ Ltd is entitled to distribute daily gas volumes among Network Users in proportion to their nomination.

Surcharge shall be calculated only on the basis of the allocated values of the daily, creditable measurements at E.ON Central-Danubian Gas System Ltd's exit/entry points (namely Bázakerettye, Pusztamagyaród, Pusztaszentlászló, Szentlisló, Várfölde és Pusztaederics).

If there is a change in the status of Zala Regional System (Zalai Regionális Rendszer, abbreviated as ZRG) owned by MOL Plc KT, all those who are concerned shall be notified about the allocation procedure of Nagylengyel KTD ZRG.

### **4. MOL PLC KT PRODUCTION/ENTRY POINTS**

Production points belonging to MOL Plc KT's integrated natural gas transmission system shall be regarded as unified in respect of capacity booking, as follows:

**MOL Plc KTD unified entry point (2/H); KETELJCS57EN**, which includes the following points:

Algyő III "0" point
Endrőd "0" point
Hajdúszoboszló "0" point
Karcag II (Bucsa) "0" point
Szank "0" point
Babócsa "0" point
Puszaederics "0" point
Zsámbok „0” point
Berekfürdő „0” point
Edde „0” point

**MOL Plc KTD unified entry point (2/S); KETELJCS58EN**, which includes the following points:

Kardoskút - "REGIONALIS" – 6bar
Kardoskút - "REGIONALIS" - 15bar

**Babócsa “REGIONALIS”**

GEBABOCS1ZEN	Babócsa "REGIONALIS"
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If these 3 production points are mentioned in the contract, nomination and allocation shall be carried out for these points; capacity overrun shall be specified separately for these 3 production network points.

## 5. UNIFIED STORAGE POINTS:

The directly connected Hungarian Gas Storage Ltd (Magyar Földgáztároló Zrt.) storage points have been unified. The unified storage point includes Puszaederics, Zsana, Hajdúszoboszló, Kardoskút. Nomination regarding the above points shall be summarised and submitted under the codes of SIFORRASSEN (name of the entry point: 'UGS-1-UNIFIED' (UGS>TSO)) and SIFGTAROLSEN (name of the entry point: 'UGS-1-UNIFIED' (TSO>UGS)).

- Network Users using the production of Kardoskút shall book capacity for the unified storage point and shall nominate the energy content to be supplied for the above network point.
- Options shall be offered for the above trading point.
- The volume and energy content of the storage point shall equal the sum of the measured volume of each physical point and the energy content established by quality measurement, the quality parameters of the unified storage point shall be the weighted average of the measured and calculated values of the unified physical storages.
- The Network User shall be responsible for the quality of the supplied natural gas at each physical point.

- Allocation shall be done for the unified storage point.

## 6. LOVÁSZPATONA 1-1 AND LOVÁSZPATONA 1-2

### **Capacity booking:**

The gas is directly injected into ÉGÁZ-DÉGÁZ Ltd's and E.ON Közép-dunántúli Gázhálózati Zrt' distribution system by TÉT-3 gas well. The following entry and exit points are registered on FGSZ Ltd's Informatic Platform in order to ensure the accounting with Network Users and the whole transmission procedure:

Virtual entry point:

Lovászpátóna TÉT-3 „0” pont KALOVASZ1ZEN

Virtual exit point:

Lovászpátóna 1-E (ÉGÁZ-DÉGÁZ) KALOVASZ1EEN

Lovászpátóna 1-T (KÖGÁZ) KALOVASZ1TEN

Unified points:

Lovászpátóna KÖGÁZ KATELJCS58EN (Lovászpátóna 1-1+Lovászpátóna 1-T)

Lovászpátóna ÉGÁZ-DÉGÁZ KATELJCS59EN (Lovászpátóna 1-2+Lovászpátóna 1-E)

Those Network Users, who do not have source within the partial island plant, shall book capacity in accordance with their shipper portfolio at FGSZ Ltd's exit (KATELJCS58EN, KATELJCS59EN) and entry points.

Those Network Users, who have both source from the partial island plant and pipeline source, but the island plant source is likely to exceed the consumer demand and this quantity can be fully or partially used by other consumers of the distribution system, shall book entry capacity for this quantity at Lovászpátóna TÉT-3 „0” point (KALOVASZ1ZEN) virtual entry point. Capacity fee shall not be charged pursuant to the applicable rules. In case of production breakdowns that may occur, the concerning network user shall book capacity at the exit and entry points belonging to FGSZ Ltd's system pursuant to its shipper portfolio.

### **Nomination:**

Network users, who have no partial island plant source, shall submit nominations for both the distribution and the transmission system in normal way described in the BCC, through the transmission system operators' informatic platforms designed for this purpose. At exit points, nomination shall be submitted for the unified point.

Network users, who have both partial island plant source and pipeline source, shall submit nominations for KALOVASZ1ZEN virtual entry point on the basis of needs assessment and for the distribution systems in accordance with their own consumer demand.

### **Defining quality data:**

Weighted average quality data calculated on the basis of the daily matching by SIMONE simulation software or in case of its failure, the daily quality data of K-26-2 (according to quality accounting) chromatograph shall be matched for Lovászpátóna 1-1 and Lovászpátóna 1-2 points.

For points KALOVASZ1ZEN, KALOVASZ1TEN and KALOVASZ1EEN, daily quality data of Tét 3 production chromatograph shall be matched.

The quality data of points KATELJCS58EN and KATELJCS59EN are equivalent to the weighted average data created on IP (automatically done by IP).

### **Defining quantity data:**

KALOVASZ1ZEN= quantity measured at Tét-3

KALOVASZ1TEN= quantity measured between ÉGÁZ-DÉGÁZ Zrt and KÖGÁZ Ltd  
KALOVASZ1EEN= difference between the values of KALOVASZ1ZEN and KALOVASZ1TEN

defining the quantitative data of KATELJCS58EN (automatically done by IP)  
KATELJCS58EN = quantities of Lovászpátóna 1-1+Lovászpátóna 1T

defining the quantitative data KATELJCS59EN (automatically done by IP)  
KATELJCS59EN = quantities of Lovászpátóna 1-2+Lovászpátóna 1E

#### **Allocation for the entry/exit points of the partial island plant:**

At the network points, the gas quantity withdrawn from the natural gas transmission system by given Network Users is calculated on the Informatic Platform pursuant to the relevant chapters of the BCC.

If the Network User makes a complaint with regard of the allocation, the concerned system operators shall examine the complaint within 5 days after receiving the notification and inform the Network User of the result.

## **7. BEREKFÜRDŐ PARTIAL ISLAND PLANT**

### **Capacity booking:**

The gas is directly injected into TIGÁZ-DSO Ltd's distribution system by MOL Plc KT. The following entry and exit points are registered on FGSZ Ltd's Informatic Platform in order to ensure the accounting with Network Users and the whole transmission procedure:

Virtual entry point:  
Berekfürdő (MOL KT) virtual                      HABEREKF1ZEN

Virtual exit point:  
Berekfürdő 1-E                                      HABEREKF1EEN

Physical exit point:  
Berekfürdő 1-1                                    HABEREKF11GN

Unified point:  
Berekfürdő 1-1+1-E                              HATELJCS60EN

Those Network Users, who do not have partial island plant source, shall book capacity in accordance with their shipper portfolio at FGSZ Ltd's exit (Berekfürdő 1-1+1-E (HATELJCS60EN)) and entry points.

Those Network Users, who have both partial island plant source and pipeline source, but the partial island plant source is likely to exceed the consumer demand and this quantity can be used fully or partially by other consumers of the distribution system, shall book entry capacity for this quantity at Berekfürdő (MOL KT) virtual (HABEREKF1ZEN) entry point. Capacity fee shall not be charged pursuant to the applicable rules. In case of production breakdowns that may occur, the concerning network user shall book capacity at the exit and entry points of FGSZ Ltd's system pursuant to its shipper portfolio.

### **Nomination:**

Network users, who have no partial island plant source, shall submit nominations for both the distribution and the transmission system in normal way described in the BCC, through the transmission system operators' informatic platforms designed for this purpose. At exit points, nomination shall be submitted for the unified point.

Network users, who have both partial island plant source and pipeline source, shall submit nominations for Berekfürdő (MOL KT) virtual (HABEREKF1ZEN) entry point on the basis of needs assessment and for the distribution systems in accordance with their own consumer demand.

**Defining quality data:**

Weighted average quality data calculated on the basis of the daily matching of SIMONE simulation software or in case of its failure, depending on the gas transmission the daily quality data of the chromatograph (according to quality accounting) shall be matched for Berekfürdő 1-1 point.

For points HABEREKF1ZEN and HABEREKF1EEN, quality data of the quality certificate issued on the basis of the KT's laboratory examination at Berekfürdő MOL KT distribution entry point shall be matched.

The quality data of point HATELJCS60EN is equivalent to the weighted average data created on IP (automatically done by IP).

**Defining quantity data:**

HABEREKF1ZEN=quantity measured at Berekfürdő MOL KT virtual entry point

HABEREKF1EEN= quantity of HABEREKF1ZEN

defining the quantitative data of HATELJCS60EN (automatically done by IP)

HATELJCS60EN = quantities of Berekfürdő 1-1+Berekfürdő 1-E

**Allocation for entry/exit points of the partial island plant:**

At the network points, the gas quantity withdrawn from the natural gas transmission system by given Network Users is calculated on the Informatic Platform pursuant to the relevant chapters of the BCC.

If the Network User makes a complaint with regard of the allocation, the concerned system operators shall examine the complaint within 5 days after receiving the notification and inform the Network User of the result.

## **8. NAGYKANIZSA PARTIAL ISLAND PLANT**

**Capacity booking:**

The gas is directly injected into E.ON Közép-dunántúli Gázhálózati Ltd's distribution system by MOL Plc KT. The following entry and exit points are registered on FGSZ Ltd's Informatic Platform in order to ensure the accounting with Network Users and the whole transmission procedure:

Virtual entry point:

Berekfürdő (MOL KT) virtual                      GENAGYKA1ZEN

Virtual exit point:

Nagykanizsa 1-E                                      GENAGYKA1EEN

Physical exit point:

Nagykanizsa 1-1                                    GENAGYKA11GN

Unified point:

Nagykanizsa 1-1+1-E                            GETELJCS08EN

Those Network Users, who do not have partial island plant source, shall book capacity in accordance with their shipper portfolio at FGSZ Ltd's exit (Nagykanizsa 1-1+1-E (GETELJCS08EN)) and entry points.

Those Network Users, who have both partial island plant source and pipeline source, but the partial island plant source is likely to exceed the consumer demand and this quantity can be used fully or partially by other consumers of the distribution system, shall book entry capacity for this quantity at Nagykanizsa (MOL KT) virtual (GENAGYKA1EEN) entry point. Capacity fee shall not be charged pursuant to the applicable rules. In

case of production breakdowns that may occur, the concerning network user shall book capacity at the exit and entry points of FGSZ Ltd's system pursuant to its shipper portfolio.

**Nomination:**

Network users who have no partial island plant source shall submit nominations for both the distribution and the transmission system in normal way described in the BCC through the transmission system operators' informatic platforms designed for this purpose.

Network users, who have both partial island plant source and pipeline source, shall submit nominations for Nagykanizsa (MOL KT) virtual (GENAGYKA1EEN) entry point on the basis of needs assessment and for the distribution systems in accordance with their own consumer demand.

**Defining quality data:**

Weighted average quality data calculated on the basis of the daily matching of the SIMONE simulation software or in case of its failure, depending on the gas transmission, the daily quality data of the chromatograph (according to quality accounting) shall be matched for Nagykanizsa 1-1 point.

For points GENAGYKA1ZEN and GENAGYKA1EEN, quality data of the quality certificate issued on the basis of the KT's laboratory examination at Nagykanizsa MOL KT distribution entry point shall be matched. The quality data of point GETELJCS08EN is equivalent to the weighted average data created on IP (automatically done by IP).

**Defining quantity data:**

GENAGYKA1ZEN = quantity measured at Nagykanizsa MOL KT virtual entry point

GENAGYKA1EEN = quantity of GENAGYKA1ZEN.

defining the quantitative data of GETELJCS08EN (automatically done by IP)

GETELJCS08EN = quantities of Nagykanizsa 1-1+Nagykanizsa 1-E

**Allocation for entry/exit points of the partial island plant:**

At the network points, the gas quantity withdrawn from the natural gas transmission system by given Network Users is calculated on the Informatic Platform pursuant to the relevant chapters of the BCC.

If the Network User makes a complaint with regard of the allocation, the concerned system operators shall examine the complaint within 5 days after receiving the notification and inform the Network User of the result.

**9. BIOGAS INJECTION AT KAPOSVÁR (KAPOSVÁR I+II+III-E, KAPOSVÁR III (BIOGAS)):**

**Capacity booking:**

The bio gas produced is directly injected into E-On Central Danubian Gas System Ltd's distribution system by Magyar Cukor Ltd, then it is virtually transmitted from the distribution system to the transmission system. The following entry and exit points are registered on FGSZ Ltd's Informatic Platform in order to ensure the accounting with Network Users and the whole transmission procedure:

Virtual entry point: Kaposvár III (Biogáz)	GEKAPOSV3VEN
Virtual exit point: Kaposvár III-E	GEKAPOSV3EEN
Unified pont: Kaposvár I+II+III-E	GETELJCS01EN



Those Network Users, who do not have partial island plant source, shall book capacity in accordance with their shipper portfolio at FGSZ Ltd's exit (GETELJCS01EN) and entry points.

Those Network Users, who have both partial island plant source and pipeline source, but the partial island plant source is likely to exceed the consumer demand and this quantity can be used fully or partially by other consumers of the distribution system, shall book entry capacity for this quantity at Kaposvár III (Biogáz) (GEKAPOSV3VEN) virtual entry point. Capacity fee shall not be charged pursuant to the applicable rules. In case of production breakdowns that may occur, this network user shall book capacity at exit and entry points of FGSZ Ltd's system pursuant to its whole shipper portfolio.

**Nomination:**

Network users who have no partial island plant source shall submit nominations for both the distribution and the transmission system in the normal way described in the BCC through the transmission system operators' informatic platforms designed for this purpose.

Network users who have both partial island plant source and pipeline source shall submit nomination for GEKAPOSV3VEN virtual entry point on the basis of needs assessment and for the distribution systems pursuant to their own consumer demand.

**Defining quality data:**

The quality aspects of the gas injected into the distribution system at the entry/exit-point shall be documented on a quality certificate by the Producer on the basis of gas sample analysis carried out in an accredited laboratory by continuous instrument measurements. Accounting at the production entry point is carried out on the basis of the quality data uploaded to OTR through SOAP interface by the Producer.

Quality accounting includes the installation location of FGSZ Ltd's instruments for measuring quality data, entry/exit points belonging to certain instruments and in case of failure, the substitution procedure of the instruments. In the measuring instruments, hourly and daily average values are calculated from the measured quality features.

**Defining quantity data:**

GEKAPOSV3VEN= quantity injected at Kaposvár III (Biogas) virtual point by the Producer

GEKAPOSV3EEN= quantity of GEKAPOSV3VEN

defining the quantitative data of GETELJCS01EN (automatically done by IP)

GETELJCS01EN= gas quantity transmitted at Kaposvár I and Kaposvár II exit points by FGSZ Ltd + quantities of Kaposvár III-E

**Allocation for entry/exit points of the partial island plant:**

At the network points, the gas quantity withdrawn from the natural gas transmission system by given Network Users is calculated on the Informatic Platform pursuant to the relevant chapters of the BCC.

If the Network User makes a complaint with regard of the allocation, the concerned system operators shall examine the complaint within 5 days after receiving the notification and inform the Network User of the result.

**III. MISCELLANEOUS**

**1. NATURAL GAS CONSUMPTION ON OWN PURPOSE**

Title transfer fee shall be paid to FGSZ Ltd for the natural gas volume transmitted on the basis of title transfer transaction at MGP virtual point but transmission performance fee, volume fee and odourization fee are not charged.

## 2. TRANSMISSION OF BLENDING GAS

At Hajdúszoboszló I (KTD) blending circle exit point, natural gas is provided at a pressure level defined in the interconnection agreement concluded between FGSZ Ltd and MOL Plc KT, but in extreme cases at min. 44 bara pressure.

FGSZ Ltd provides yearly interruptible entry capacity to the network users at Hajdúszoboszló "0" and Szank "0" blending circle exit points belonging to MOL Plc KT's unified entry (2/H) (KETELJCS57EN) point, to the extent of the kWh/h capacity booked at the blending circle exit point.

FGSZ Ltd provides the gas volume by injecting at MOL Plc KT's unified entry (2/H) (KETELJCS57EN) point, with energy content equivalent to the energy content of natural gas quantity injected at Hajdúszoboszló '0' point and necessary for blending at Hajdúszoboszló I (KTD) exit point, from the natural gas available at the concerning hub of the natural gas transmission system, for which yearly interruptible exit capacity is provided.

Partial or full intake of the nomination for Hajdúszoboszló I (KTD) is depending on whether the natural gas with quantity, quality and pressure planned to be transmitted by all Network Users, can be injected to the natural gas transmission system.

At Szank (KTD) blending exit point, natural gas is provided at min. 26 bara pressure by FGSZ Ltd for which yearly interruptible exit point is provided. Partial or full intake of the nomination regarding Szank (KTD) blending exit point is depending on whether the natural gas with quantity, quality and pressure planned to be transmitted at MOL Plc KT's unified entry (2/H) (KETELJCS57EN) point by all Network Users, can be injected to the natural gas transmission system.

On MOL Plc KT's request, natural gas with quantity defined in Annex 2 of the Cooperation Agreement and pressure between 26-41 bara can be provided through Babócsa '0' point which normally functions as entry points.

If the injection of the blended gas with planned quantity is not possible due to the hydraulic conditions of the natural gas transmission system, then following prior consultations and after taking measures to ensure security of supply, this should be considered as interruption to the extent pursuant to the above, at the concerning blending circle exit and entry point.

If the gas quality does not meet the requirements defined in Annex 11 of the Governmental Decree No 19/2009 (I.30.) on the implementation of certain provisions of the Natural Gas Supply (VHR) after blending it to the product or the transmission system or its exit points are damaged due to any aspects of the natural gas or in case of the situation described in the previous section, FGSZ Ltd excludes the liability arising from the latter. The concerning Network User injecting the natural gas bears the responsibility.

## 3. GENERAL CONTRACTUAL OBLIGATIONS

It is the Network User's obligation to ensure that the capacity booked on the transmission system shall be minimum the capacity booked at the exit point of the transmission system.

## 4. TRADE REGISTER

In case of a new shipper pair regarding a cross-border delivery point, the new Network User shall be obliged to send a filled in copy of the trade register to FGSZ Ltd 5 working days prior to the commencement of transmission. The related transmission may only start if the neighbouring network operator at the cross-border delivery point has confirmed the trade register.





For a blank copy of the trade register regarding entry/exit points, see Annex 1 of the present document.

**IV. IN CASE OF CHANGES IN THE DATA OF THE SPECIAL CONTRACTUAL TERMS AND CONDITIONS, THE TRANSMISSION SYSTEM OPERATOR SHALL MODIFY THE SPECIAL CONTRACTUAL TERMS AND CONDITIONS**

## KERESKEDŐ BEJELENTŐ/TRADE REGISTRATION

CÉGNÉV/Company name:

CÍM/Address:

FGSZ KÓD/FGSZ Code: KAPCSOLATTARTÓ (ügyeletes)/Contact person (in duty):

TELEFON/Telephone:

FAX:

E-MAIL:

## HATÁR BETÁPLÁLÁSI PONT ÉRINTETTSÉG Import entry point concerned

HATÁR BETÁPLÁLÁSI PONT KÓDJA/Code of import entry point:

### NNO OLDALI SHIPPER PÁR/ Shipper code of NNO side

CÉGNÉV/Company name:

NNO KÓD/NNO code:

TELEFON/Telephone:

E-MAIL:

EIC KÓD/EIC code:

SZÉKHELY/Seat:

### MAGYAR OLDALI SHIPPER PÁR/ Shipper code on Hungarian side

CÉGNÉV/Company name:

FGSZ KÓD/FGSZ code:

TELEFON/Telephone:

E-MAIL:

EIC KÓD/EIC code:

SZÉKHELY/Seat:

SZÁLLÍTÁS IRÁNYA/  
Direction of Transmission:

SZÁLLÍTÁS/Transmission  
KEZDETE/Starting date: VÉGE/Ending date:

## KERESKEDŐ BEJELENTŐ/TRADER REGISTRATION

CÉGNÉV/Company name:

CÍM/Address:

FGSZ KÓD/FGSZ Code:

KAPCSOLATTARTÓ (ügyeletes)/Contact person (in duty):

TELEFON/Telephone:

FAX:

E-MAIL:

## HATÁR KIADÁSI PONT ÉRINTETTSÉG

### Export exit point concerned

HATÁR KIADÁSI PONT KÓDJA/Code of export exit point:

#### NNO OLDALI SHIPPER PÁR/ Shipper code of NNO side

CÉGNÉV/Company name:

NNO KÓD/NNO code:

TELEFON/Telephone:

E-MAIL:

EIC KÓD/EIC code:

SZÉKHELY/Seat:

#### MAGYAR OLDALI SHIPPER PÁR/ Shipper code on Hungarian side

CÉGNÉV/Company name:

FGSZ KÓD/FGSZ code:

TELEFON/Telephone:

E-MAIL:

EIC KÓD/EIC code:

SZÉKHELY/Seat:

SZÁLLÍTÁS IRÁNYA/Direction of  
Transmission:

SZÁLLÍTÁS/Transmission

KEZDETE/Starting date: VÉGE/Ending date: