

**APPENDIX 6**

**CALCULATION TERMS AND CONDITIONS FOR REFERENCE SEND-OUT**

**English translation for information**

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## 1 CALCULATION TERMS AND CONDITIONS FOR REFERENCE SENT-OUT FOR SHIPPERS SENT-OUT ACCORDING TO THE SMART RULES

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### 1.1 Reference Shared Stock Levels of Shippers sent-out according to the SMART rules

The Operator uses the Shipper's Monthly Schedules in Month M-1 as a basis to establish the best estimate of the Shared Stock for Shippers sent-out according to the SMART rules for the first Day of Month M.

The final sum of the Reference Shared Stock Levels on the last Day of Month M shall be determined by the calculation alone, within the limits of a time frame established by the Operator that is as long as possible and compatible with the rest of the Annual Schedule.

### 1.2 Reference Send-Out for all Shippers sent-out according to the SMART rules

The Operator defines the Reference Send-Out for all Shippers sent-out according to the SMART rules in accordance with the Monthly Unloading Schedule of all of the Shippers and taking into account the sum of their Reference Shared Stock Levels. The Reference Send-Out for all Shippers sent-out according to the SMART rules shall be determined by an optimisation calculation subject to constraints that has as its objective a Send-Out in stages that are as long as possible.

The Operator should ensure that this calculation guarantees that the Send-Out of the Shippers sent-out according to the SPOT rules does not disrupt by more than 35 GWh per Day the Reference Send-Out of all other Shippers for the Days prior to the Window of Arrival of the SPOT Cargo.

### 1.3 Reference Send-Out of the Shipper sent-out according to the SMART rules

The Reference Send-Out for all of the Shippers that are sent-out according to the SMART rules for a Month M shall be allocated among them proportionally using a Send-Out Ratio.

The Reference Send-Out of a Shipper that is sent-out according to the SMART rules shall be zero when the Reference Shared Stock Level is equal to the Overdraft Authorisation.

#### Send-Out Ratio of the Shipper sent-out according to the SMART rules:

The Send-Out Ratio of a Shipper sent-out according to the SMART rules is defined for Month M as being the ratio between:

- the sum of the quantities scheduled for Unloading by the Shipper in month M, after deduction of the quantities scheduled under the Uniform Send-Out Option and for Reloading, plus the variation of LNG Stock Transfer quantity, the variation of energy quantity received from/transferred to the Dedicated Storage Space and the difference between its Reference Shared Stock Level at the start and the end of Month M, on the one hand, and
- the sum of the quantities scheduled by all Shippers sent-out according to the SMART rules in month M, after deduction of the quantities scheduled under the Uniform Send-Out Option and for Reloading, plus the difference between its Reference Shared Stock Level at the start and the end of Month M, on the other hand.

#### Reference Shared Stock Level of the Shipper that has subscribed to SMART at the start and end of Month M:

The Operator shall use the best estimate of the Shared Stock Level of the Shipper sent-out according to the SMART rules at the end of Month M-1, without taking into account the Shared Stock Level related to quantity scheduled under the Uniform Send-Out Option in order to determine the Reference Stock Level at the start of Month M.

The Reference Shared Stock Level at the end of Month M is defined as follows:

$$QD * ET_{M+1} / (ET_{M+1} + NJ_M - ET_M)$$

Where:

- QD = Quantity Unloaded from the last Unloading in M,
- $ET_M$  last Vessel date Months M, the date is expressed as a number dd in the format dd/mm/yyyy
- $ET_{M+1}$  first Vessel date Month M+1, the date is expressed as a number dd in the format dd/mm/yyyy
- $NJ_M$  number of Days in Month M.

The values of QD and  $ET_M$  come from the Shipper's Monthly Schedule Request and the value of  $ET_{M+1}$  comes from the Shipper's Annual Schedule.

If no Unloading has been scheduled by the Shipper for Month M, then the value of the Reference Shared Stock Level at the end of Month M shall be equal to zero (0).

If no Unloading has been scheduled by the Shipper for Month M+1, then the value of  $ET_{M+1}$  is equal to the number

of Days in Month M+1.

Reference Shared Stock Level at the end of Month M for the Shipper having subscribed to SMART and under the Inventory Extension Option :

As an exception to the above, the Shipper's Reference Shared Stock Level at the end of Month M under the Inventory Extension Option cannot be superior to the most constraining of the following conditions :

- The difference between its Shared Stock Level on the 1<sup>st</sup> day of Month M and the balance between its Unloadings and Reloadings scheduled on Month M ;
- The truck-loading and/or the micro-methane vessels loading capacity subscribed for the Month M+1, netted by the Unloadings scheduled in the Annual Schedule of this same Month M+1
- The total volume available in the Terminal for the Inventory Extension Option.

#### **1.4 Start of Reference Send-Out of the Shipper sent-out according to the SMART rules**

By default, the Reference Send-Out of the Shipper will take place on the first day of Month M. However, if the Shipper has an Overdraft Authorisation for less than 300 GWh, and if its Send-Out Ratio in Month M-1 is zero, it shall be sent-out from the Day after its Window of Arrival. In this case, the Operator has the possibility, in order to minimise the impacts on the Send-Out of other Shippers, to bring forward the start of the Reference Send-Out by two (2) Days.

## **2 CALCULATION TERMS AND CONDITIONS FOR REFERENCE SEND-OUTS FOR SHIPPERS SEND-OUT ACCORDING TO THE SPOT RULES**

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### **2.1 Reference Send-Out for all of the Shippers sent-out according to the SPOT rules**

The Operator defines the Reference Send-Out for the Shipper sent-out according to the SPOT rules by taking into account the request from the Shipper, subject to its impact on the Reference Send-Outs of the other Shippers not exceeding the threshold of 35 GWh per Day for the Days preceding the Window of Arrival of the Cargo.

### **2.2 Start of Reference Send-Out of the Shipper sent-out according to the SPOT rules**

By default, the Reference Send-Out of the Shipper sent-out according to the SPOT rules will start on the Day after its Window of Arrival. However, the Operator has the possibility, in order to minimise the impacts on the Send-Outs of other Shippers, to bring forward the start of the Reference Send-Out by two (2) Days.

## **3 METHODS FOR CALCULATING THE REFERENCE SEND-OUT OF THE UNIFORM SEND-OUT OPTION OF THE SHIPPER**

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### **3.1 Reference Send-Out of the Uniform Send-Out Option of the Shipper**

The Operator shall define the Reference Send-Out of the Uniform Send-Out Option of the Shipper as being equal for each Day to one  $n^{\text{th}}$  of the quantity subscribed to in the Uniform Send-Out Option after the Send-Out volume defined in paragraph 12.5 of the General Terms and Conditions, (n) being the term of the Uniform Send-Out Option, expressed in Days, defined as between 20 and 40 Days and appearing in article 3 of the Specific Conditions.

### **3.2 Start of the Reference Send-Out of the Uniform Send-Out Option**

In the case of a SMART Shipper, the Reference Send-Out of the Uniform Send-Out Option starts from the Day after its Window of Arrival.

In the case of a SPOT Shipper, the Reference Send-Out of the Uniform Send-Out Option starts from the first Day of the Month after the Month of its Unloading date.

## **4 MODIFICATION OF THE REFERENCE SEND-OUT OF A SHIPPER THAT REQUESTS INTRA-MONTHLY SCHEDULING OR RESCHEDULING**

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### **4.1 Shipper that has subscribed to the SMART service**

In the event of acceptance by the Operator of the request for reservation or the request for modification of the Window of Arrival and/or the Quantities Unloaded or Reloaded, the latter shall recalculate the Shipper's Reference Send-Out if necessary. To do this, the Operator shall try and smooth out the impact of change as much as possible over a period that starts on the Day of notification of the new Monthly Schedule for the Month concerned by the Operator and at the latest thirty (30) Days after the Day of the change.

The method used to smooth out the change is similar to that applied in paragraphs 1.1 and 1.2 of this appendix and must as far as possible leave the Send-Out and Stock Levels unchanged after the above-mentioned period.

**4.2 Shipper that has subscribed to the SMART service and is a beneficiary of the Uniform Send-Out Option**

In the event of acceptance by the Operator of the request for modification of the Window of Arrival and/or the Quantities Unloaded subscribed to in the Uniform Send-Out Option, the latter shall recalculate the Shipper's Reference Send-Out if necessary. The Operator shall no longer be obliged to guarantee a Reference Send-Out for the Strip Uniform Send-Out each Day equal to one  $n^{\text{th}}$  of the quantity subscribed to in the Uniform Send-Out Option or a total period equal to  $n$  Days.

In the event of cancellation of the Quantities Unloaded subscribed to in the Uniform Send-Out Option by the Shipper, the Reference Send-Out of the Uniform Send-Out Option shall be zero.

**4.3 Shipper that has subscribed to the SPOT service**

In the event of acceptance by the Operator of the request for modification of the Window of Arrival and/or the Quantities Unloaded, the latter shall recalculate the Shipper's Reference Send-Out. The Operator shall no longer be obliged to guarantee a Reference Send-Out each Day as notified in its Monthly Schedule.