


**PUBLIC CONSULTATION
INTERCONNECTION
AGREEMENT
VIP IBERICO**

 **XODOC.MX**

IN:

VIP IBERICO

BETWEEN:

REN,

AND

ENAGAS TRANSPORTE, S.A.U.

AND

ENAGAS GTS, S.A.U.



This Interconnection Agreement is made the XXth XXX, 2016 by and among:

REN Gasodutos, S.A. (hereafter referred as “REN”);

ENAGAS TRANSPORTE, S.A.U. (hereafter referred as “ENAGAS TR”), and

ENAGAS GTS, S.A.U. (hereafter referred as “ENAGAS GTS”)

Whereas REN is the System Technical Manager and operator of the gas transmission network in Portugal.

Whereas ENAGAS TR is the operator of the gas transmission network in Spain.

Whereas ENAGAS GTS is the System Technical Manager and according to the Spanish Law 34/1998 of 7 October, Article 64.1 has, among others, the following functions:

g) Issue operating instructions to Spanish transmission facilities including international interconnections.

k) Issue the appropriate orders so that companies owning Spanish Basic Network and secondary transmission network facilities are able to operate their facilities in such away that the delivery of gas is ensured at the system output points under the correct conditions.

Whereas the Portuguese and the Spanish networks are interconnected at two physical points named “Badajoz - Campo Maior Interconnection Point” and “Valença do Minho - Tuy Interconnection Point” gathered together in a single Virtual Interconnection Point named VIP .IBERICO.

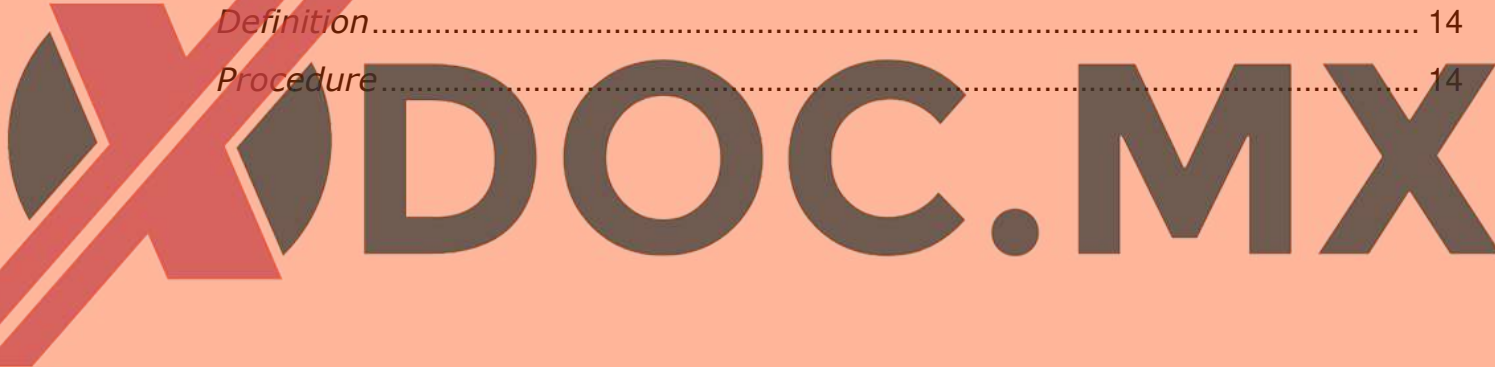
Whereas REN, ENAGAS TR and ENAGAS GTS wish to enter into an agreement named “INTERCONNECTION AGREEMENT” (hereinafter referred to as “the Interconnection Agreement”) in order to govern all the operations made at the aforementioned Interconnection Points.

Now, therefore, the Parties agree the Interconnection Agreement as follows:



CONTENTS

COMMON REFERENTIAL	9
<i>Shipper codes</i>	9
<i>Units</i>	9
MATCHING PROCEDURE	10
<i>Matching Process</i>	11
ALLOCATION	12
<i>Physical Delivered Quantities Process</i>	12
<i>Shippers Allocated Quantities Process</i>	13
EXCEPTIONAL EVENT SITUATION	14
<i>Definition</i>	14
<i>Procedure</i>	14






PUBLIC CONSULTATION

INTERCONNECTION AGREEMENT



 **DOC.MX**

The image shows a large, stylized red "X" logo on the left, followed by the text "DOC.MX" in a bold, dark grey sans-serif font. The entire graphic is set against a solid orange background.

GLOSSARY

In this Interconnection Agreement the following terms shall have the following meanings:

Active TSO:

Means the transmission system operator who receives the single sided nominations submitted by a shipper and that forwards the single sided nominations to the adjacent TSO.

Aggregated Confirmed Daily Quantities:

Means the algebraic sum of Daily quantities of Energy notified by all Shippers and Confirmed by the Parties on a particular day.

Allocated Quantity:

Means the quantity of gas attributed to a Shipper by a transmission system operator as an input or an off-take expressed in kWh for the purpose of determining the daily imbalance quantity.

Confirmed Quantity or Confirmed Quantities:

Means the quantity of gas confirmed by a transmission system operator to be scheduled or re-scheduled to flow on Gas Day D.

Daily Deviation:

Means the difference between the algebraic sum of the Allocated Daily Quantities for Gas Day D and the Physical Daily Quantity of gas measured for the same Gas Day D in the VIP_IBERICO.

Edig@s:

Standard International Protocol for the exchange of information through electronic means based on the CBP (Common Business Practice) developed by EASEE-gas (European Association for the Streamlining of Energy Exchange-gas).

Gas Day:

Means the period from 5:00 to 5:00 UTC the following day for winter time and from 4:00 to 4:00 UTC the following day when daylight saving is applied. That is, the Gas Day is the period:

-
- a) From 5:00 to 5:00 the following day, according to the Portuguese legal time;
 - b) From 6:00 to 6:00 the following day, according to the Spanish legal time.

Gas Week:

Means the period:

- a) From 5:00 on Saturday to 5:00 on Saturday of the following Week, according to the Portuguese legal time;
- b) From 6:00 on Saturday to 6:00 on Saturday of the following Week, according to the Spanish legal time.

Initiating TSO:

Means the transmission system operator initiating the matching process by sending the necessary data to the matching transmission system operator.

IP:

International Connection Point

Lesser Rule:

Means that, in case of different processed quantities at either side of an interconnection point, the confirmed quantity will be equal to the lower of the two processed quantities.

Matching process:

The process of comparing and aligning processed quantities of gas for network users at both sides of a specific interconnection point, which results in confirmed quantities for the network users.

Matching TSO:

Means the transmission system operator performing the matching process and sending the result of the matching process to the initiating transmission system operator.

Measured Quantity:

Means the quantity of gas that, according to the measurement equipment from the transmission system operator, has physically flowed across an interconnection point per time period.

Network User:

Means a customer or a potential customer of a transmission system operator, and transmission system operators themselves in so far as it is necessary for them to carry out their functions in relation to transmission.

Nominated Quantity or Nominated Quantities:

Means Daily quantity of gas notified and communicated by Shippers to REN and ENAGAS GTS.

Nomination:

Means the prior reporting by the network user to the transmission system operator of the actual flow that the network user wishes to inject into or withdraw from the system.

Off-spec gas:

Shall mean Gas that does not meet the specifications at the Interconnection Point.

Passive TSO:

Means the transmission system operator who is adjacent to the Active TSO and receives the single sided nominations forwarded by the Active TSO.

Physical Delivered Quantity:

Means the Gas Quantity delivered in VIP IBERICO.

Processed Quantity or Processed Quantities:

Means the quantity of gas determined by the initiating TSO and by the matching TSO, which takes into account the Shippers' nomination or re-nomination and contractual provisions as defined under the relevant transport contract and which is used as the basis for the matching process.

Re-nomination:

Means the subsequent reporting of a corrected nomination.

Re-nomination Cycle:

Means the process carried out by the transmission system operator in order to provide a Shipper with the message regarding the Confirmed Quantities following the receipt of a re-nomination.

Shipper:

Means those subjects having signed a Transportation Agreement with one of the Parties of the gas system using the facilities belonging to it, also referred as network users in this Glossary.

Shipper code:

Code used to identify Shippers.

OBA Operating Balancing Account:

Account for cumulative differences between nominated quantities and actually delivered quantities.

All the Definitions not mentioned above will follow European Regulation definitions.

The part of the process that affects users is detailed as follows:

COMMON REFERENTIAL

Shipper codes

REN and ENAGAS GTS agree to share some key data related to the Code of the Shippers active at each side of the VIP IBERICO.

These Codes shall be used in all messages exchanged in the nomination and matching processes. The initial data will be shared by both Parties and in order to be aware of any changes that may occur in the adjacent Party repository, the data shall be exchanged whenever a modification occurs.

Units

The Parties agree to use the following common set of units:

pressure:	bar (a)
temperature:	°C (degree Celsius)
volume:	m ³
gross calorific value (GCV):	kWh/m ³
energy:	kWh (based on GCV)
Wobbe-index:	kWh/m ³ (based on GCV)

The reference conditions for volume shall be 0°C and 1.01325 bar(a). For GCV, energy and Wobbe-index the default combustion reference temperature shall be 25°C.

MATCHING PROCEDURE

Next are detailed the steps for the matching procedure to be performed, in order to obtain the Confirmed Quantities that will be delivered at VIP.IBERICO by each Shipper avoiding any discrepancy in the Nominations.

Steps to be performed over the matching procedure:

Step 1:

REN will forward to ENAGAS GTS all received and not rejected single-sided nominations.

Step 2:

REN and ENAGAS GTS will calculate for each received (Re)-Nomination the Processed Quantities, in order to determine if the (re-)Nominated Quantity by the Shipper can be totally or only partially accepted.

For each (Re)-Nomination Cycle, only the last applicable (Re)-nomination (including nominations generated with default rule) that was sent before the Shipper deadline will be taken into account.

In the event that there were constraints in any of the upstream or downstream VIP.IBERICO systems, the affected Party will communicate their Shippers a notification considering the limitations arisen not later than forty-five (45) minutes after the Shippers' (Re)-Nomination Cycle. This Party will also proceed to calculate the Processed Quantities as described in Exceptional Event Situation

Step 3:

REN will send ENAGAS GTS the Processed Quantities, and Nominated Quantities.

Step 4:

ENAGAS GTS shall perform the "Matching Process" by using the criteria of the Lesser Rule.

Step 5: