

TRS

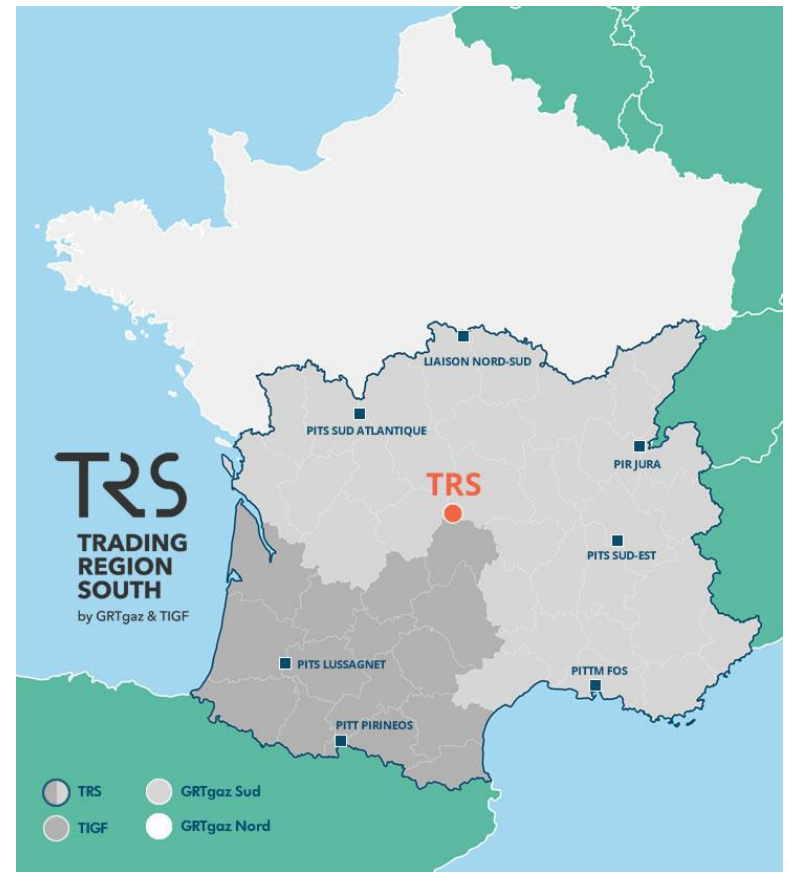
TRADING REGION SOUTH

by GRTgaz & TIGF



GRTgaz and TIGF create the **TRADING REGION SOUTH**

- The **TRS** includes :
 - A joint market place
 - A shared balancing zone
 - 2 geographic areas :
 - GRTgaz South
 - TIGF



TRS TRADING REGION SOUTH
by GRTgaz & TIGF



Agenda

1. Access procedure as of 1st April 2015
2. Marketed points management
3. Balancing management
4. Publications

1

Access procedure as of 1st April 2015

Access to the TRS exchange point

- Shippers with current access to PEG South only
 - Automatic switch over to the TRS exchange point
 - Billing operated by GRTgaz
- Shippers with current access to both PEG South and PEG TIGF
 - Automatic switch over to the TRS exchange point
 - Use of GRTgaz's shipper code
 - Billing operated by GRTgaz
- Guarantee and access fees remain unchanged

2

Marketed points management

Capacity

- On April, 1st 2015 : closing of the existing booked capacities between GRTgaz and TIGF
- Restrictions of capacity between GRTgaz and TIGF transferred on the other points of the TRS
- Transition period management
 - From April, 1st 2015, no more marketing process on **PIR Midi** on T@ :
 - February, 20th 2015 : Last day of monthly capacity sales for March 2015
 - March, 30th 2015 : Last day of daily capacity sales for March, 31th 2015
 - At 01:00 p.m : for the FCFS method
 - At 03:00 p.m : for the auctions

Nomination (1/2)

- On April, 1st 2015, disappearance of :
 - PIR Midi (as PITT GRTgaz Sud)
 - PEG South (as PEG TIGF)
- On April, 1st 2015, creation of the TRS:
 - Nominations on the TRS done with the existing GRTgaz shipper code
 - Code of TRS : EG0001S
 - Nominations on the PCR of each geographic zones maintained

Nomination (2/2)

- Switch date at the end of February (date to be specified)

- **Before switch date :**

forecasts having a gasday posterior to March, 31th 2015 on PEG South will be automatically migrated on the TRS

- **From switch date :**

forecasts and nominations having a gasday posterior to March, 31th 2015 on PIR Midi or PEG South will be refused (rejection of the entire batch)

- **Nominations on the TRS will be accepted only from March, 30th 2015 (for gasdays posterior to March, 31th 2015)**

Allocation & Invoicing

- Provisional, Definitive and Rectified data published regarding the allocations of March or before, will be based on the current rules
- The invoicing method remains unchanged :
 - From the invoicing of June : additional document detailing amounts exchanged on the TRS market place

3

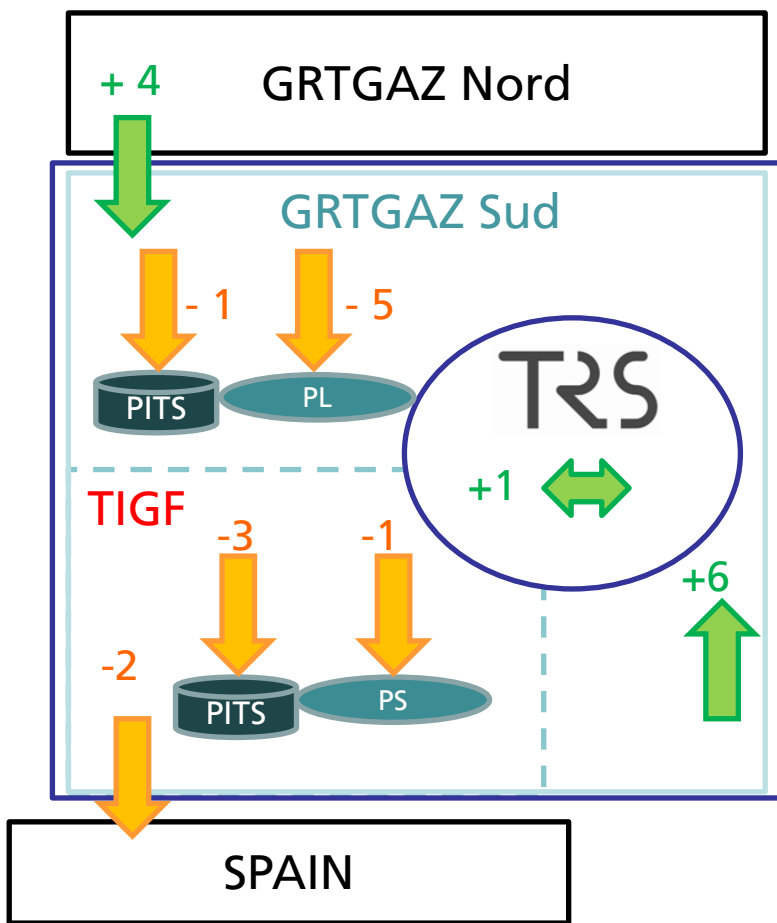
Balancing management

TRIS imbalance

- The TRS imbalance is calculated across the entire **TRADING REGION SOUTH**, for each shipper.
- The TRS imbalance is calculated using the quantities scheduled by each TSO on the contractual points of their network.
- For a gasday D, the TRS imbalance will be displayed in :
 - The **confirmation notice** (on D-1 and D)
 - The **allocation notice** (on D+1)
 - The **provisionnal quantity statement** (on D+N)

Operating model : Provisional Imbalance

Imbalance



Example : for a given shipper

Exit confirmations on TIGF & GRTgaz zones

$$-1 -5 -2 -3 -1 = -12$$

Entry confirmations on TIGF & GRTgaz zones

$$+4 +6 +1 = +11$$



Provisional TRS imbalance
sent by the TSO

$$\Delta = -1$$

Contractual Imbalance

- In D+1, contractual imbalances are calculated by distributing TRS imbalance over TIGF zone and GRTgaz Sud zone, by shipper and gas day D.
- TRS imbalance is distributed over TIGF zone and GRTgaz Sud zone using an individual distribution key according to the category of the shipper.
- The contractual imbalances are provided to shippers :
 - In D+1, in the allocation notice
 - In D+n, in the provisional quantity statement (update during the month)
 - At the latest the 10th business day of month M+1 in the definitive quantity statement

Categories of shippers

There are 3 categories :

■ CATEGORY 1 : SUPPLIER

⇒ Shippers who have subscribed capacities on PS and/or PL of the TRADING REGION SOUTH

■ CATEGORY 2 : SHIPPER

⇒ Shippers who don't have subscribed capacities on PS and/or PL of the TRADING REGION SOUTH but have subscribed capacities on at least one of the points PITT, NS link, PITS, PITP, PIR, PIRR of the TRADING REGION SOUTH

■ CATEGORY 3 : TRADER

⇒ Shippers who only have an access to the TRS market place

Category will be provided to each shipper every month

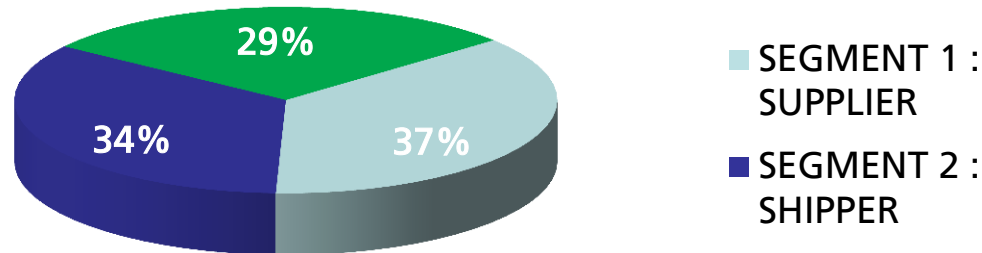
Categories of shippers

- Between 20/M-1 and the last working day of M-1, the **category for month M** is calculated for each shipper, based on :
 - **CATEGORY 1 : SUPPLIER**
 - ✓ Booked capacities on PIC/PLC for month M, M-1 and M-2
 - ✓ Allocated capacities for M-2 for deliveries on PITD
 - **CATEGORY 2 : SHIPPER**
 - ✓ Allocated capacities on PITT, PIP, PITS, PITP, PIR, PIRR for month M, M-1 and M-2
 - **CATEGORY 3 : TRADER**
 - ✓ Access to the point TRS for month M, M-1 and M-2.
- Daily allocated capacities for month M-1 and M-2 are also taken into account
- Specific cases and transitory periods (in particular for starting or ending of transport activities) : category will be determined individually, regarding to shipper's situation

Categories of shippers

Categories for December 2014

Dispatching of shippers in activity on Trading Region South



- A large majority of shippers **keep the same category** month by month => stability of behaviour on the TRADING REGION SOUTH
- Your Category for December 2014 is now available. Please request it to your customer contact
- Anyway, category will be provided to each shipper every month
 - ⇒ April 2015 category available at the end of March 2015

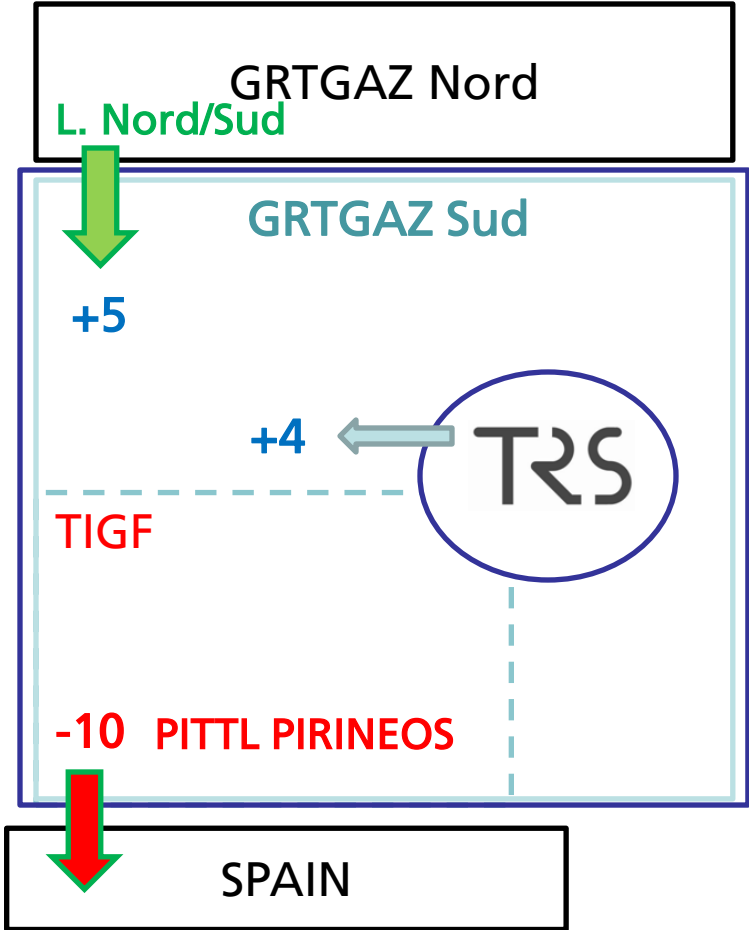
Individual distribution key

- The **distribution key** is calculated for each shipper and for each gas day D
- The individual distribution key is calculated using the following rules :

Categorie	Imbalance distribution key
SUPPLIER	Prorata of allocations on the delivery points in the GRTgaz South Zone and the TIGF zone (PL ou PS)
SHIPPER	Prorata of allocations on the entry/exit points in in the GRTgaz South Zone and the TIGF zone (PITTM, PITS, PIR, PIRR, PIP, PITT)
TRADER	100% of the imbalance is allocated to GRTgaz.

- **Contractual imbalances** are settled by operators, using their own imbalance settlement rules.

Operating model : Example



Example : for a « SHIPPER», for a gasday D

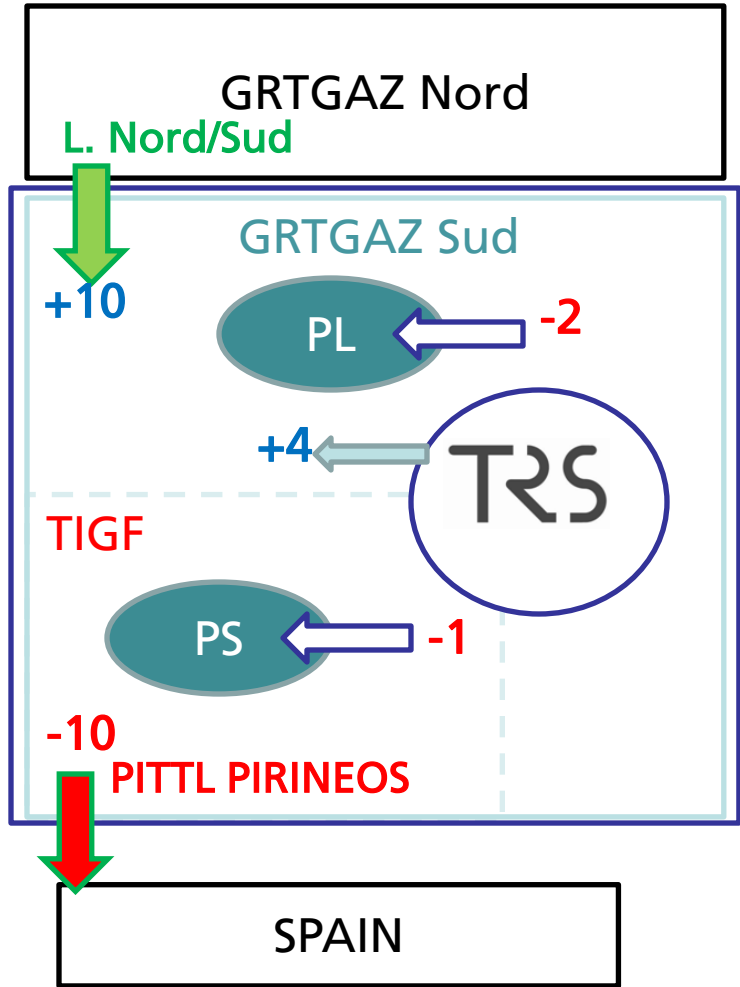
TOTAL ENTRY : +5 + 4 = + 9
TOTAL EXIT : - 10

➔ **IMBALANCE TRS = -1**

IMBALANCE TIGF Zone
 $= -1 * [10 / (5 + 10)]$
 $= - 0,67 \text{ GWh}$

IMBALANCE GRTgaz South Zone
 $= -1 * [5 / (5 + 10)]$
 $= - 0,33 \text{ GWh}$

Operating model : Example 2



Example : for a « SUPPLIER », for a gasday D

TOTAL ENTRY : + 10 + 4 = +14
 TOTAL EXIT : - 10 - 2 - 1 = - 13

⇒ IMBALANCE TRS = +1

IMBALANCE
 TIGF Zone
 = $1 * [1 / (1 + 2)]$
 = 0,33 GWh

IMBALANCE
 GRTgaz Sud Zone
 = $1 * [2 / (1 + 2)]$
 = 0,67 GWh

4

Publications

TRS **TRADING
REGION
SOUTH**
by GRTgaz & TIGF

Publications on T@ portal

■ On D+1

- Publication of a **1st partial allocation notice** with the allocations of all the contractual points of the GRTgaz network and imbalance of the North zone before 01:00 p.m
- At the earliest, publication of a **2nd allocation notice** completed with the TRS and the GRTgaz South share. The quantity statement is published at the same time.

■ On D+ N

- If GRTgaz receives new data between the beginning and the end of the current month the imbalances are published in the **provisional quantity statement**

■ On M+1

- Publication of the definitive data of month M at the latest the **10th working day of month M+1.**

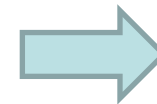
T@ portal : what's changing

Quantités journalières - 19 Janvier 2015
Bordereau de Quantités Capacités Opérationnelles
 Code PCR : GRTgaz Unité : kWh 25°C

Périmètre GRTgaz Nord [Afficher le détail](#)

Périmètre GRTgaz Sud [Masquer le détail](#)

Point Contractuel			Quantités journalières				Date de mise à jour	
Catégorie	Code	Libellé	Sens	Demandée	Programmée	En contrepartie*		Variation
Point de livraison	PL000S	xxx-xxx	Del	-25	-25		=	19/01/2015 17:01:20
Point de sortie	EG001S	xxx-xxx	Del	-50	-50		=	19/01/2015 17:01:20
Liaison Nord-Sud	NS0001	xxx-xxx	Rec	150	150		=	19/01/2015 17:01:20
Déséquilibre TRS					0			



Confirmation notice :

- Publication of a **TRS imbalance** in the South balancing section

Avis de Réalisation - 7 Janvier 2015 Unité kWh 25°C

Ecart de bilan par périmètre d'équilibrage [Masquer le détail](#)

Périmètre d'équilibrage	Trading Region	EBJ	Q1	Q2
Nord		-65 324 173	-4 872 896	-60 451 277
Sud	3	1	1	0



Allocation notice :

- Publication of a **TRS imbalance**
- 2 publications

Messages : what's changing

■ Confirmation (xml; csv)

- New quantity added :
 - TRS imbalance : imbalance across entire TRADING REGION SOUTH (will replace the current GRTgaz South imbalance)

① *NOMRES EDIG@S V4 available*

■ Allocation (xml; csv; ALOCAT)

- 2 new quantities added :
 - TRS imbalance : imbalance across entire TRADING REGION SOUTH
 - South GRTgaz imbalance : contractual imbalance on GRTGaz South zone (will replace the current GRTgaz South imbalance)

① *ALOCAT EDIG@S V4 available*

Messages : what's changing

Impacted publications

- Imbalance based on confirmation data : Matching notice and Confirmation notice.
- Imbalance based on allocation data : partial allocation notice, allocation notice, Provsionnal and Definitive Quantity statement .

Rang 1	Rang 2	Rang 3	Rang 4	Rang 5	Rang 6	Rang 7	Rang 8	Rang 9	Balise / Attributs	Description	Type	Exemples de valeur / Form
ENTETE									Header	Balise entête du FLUX	NA	NA
VERSION									Version	Balise Version : Numéro de version du XML.	Chaîne	NA
TYPE_ECHANGE									Type	Type de message	Chaîne	AMP
DATE_CREATION												
EMETTEUR												
TYPE_DESTINATAIRE												
DESTINATAIRE									RecipientCode			
CODE_CONTRAT									ContractReference	Code du contrat	Chaîne	NA
DATE_DEBUT									ValidityPeriodStart	Date de début de la période prise en compte dans la publication	Date	YYYY-MM-DDTHH:MM:SSZ
DATE_FIN									ValidityPeriodStop	Date de fin de la période prise en compte dans la publication	Date	YYYY-MM-DDTHH:MM:SSZ
INFO									Info	Balise Info	NA	NA
REF_PUB												
CODE_SHIPPER												
NOM_SHIPPER												
JG									GasDay			
DATE									date			
PERIMETRE									BalancingArea	Balise Périmètre d'équilibre	NA	NA
VALEUR_PERIMETRE									value	Périmètre d'équilibre	Chaîne	GRTgaz Nord GRTgaz Sud
QTE_ECART_DEM									RequestedQuantityImbalance	Quantité d'écart bilan demandée sur le contrat pour la JG sur le périmètre	Entier	NA
QTE_ECART_PROG									ScheduledQuantityImbalance	Quantité d'écart bilan programmée sur le contrat pour la JG sur le périmètre	Entier	NA
QTE_ECART_EBJ_TRADING_REGION									TradingRegionImbalance	Quantité d'écart bilan de fin de journée sur le contrat pour la JG sur la trading region liée au périmètre	Entier	NA
QTE_ECART_EBJ									DailyImbalance	Quantité d'écart bilan de fin de journée sur le contrat pour la JG sur le périmètre	Entier	NA
QTE_ECART_EBC									CumulatedImbalance	Quantité d'écart cumulé en fin de journée présent sur le contrat pour la JG sur le périmètre	Entier	NA
QTE_ECART_Q1									P1ExposedQuantity	Quantités exposées à P1 présent sur le contrat pour la JG sur le périmètre	Entier	NA
QTE_ECART_Q2									P2ExposedQuantity	Quantités exposées à P2 présent sur le contrat pour la JG sur le périmètre	Entier	NA
QTE_ECART_Q3									P3ExposedQuantity	Quantités exposées à P3 présent sur le contrat pour la JG sur le périmètre	Entier	NA
GROUPE_PUBLICATION									PublicationGroup	Balise Groupe de publication	NA	NA
VALEUR GROUPE_PUBLICATION									value	Groupe de publication	Chaîne	Point d'entrée Point de sortie Point de livraison Comptes d'écart Liaison Nord H - Nord B

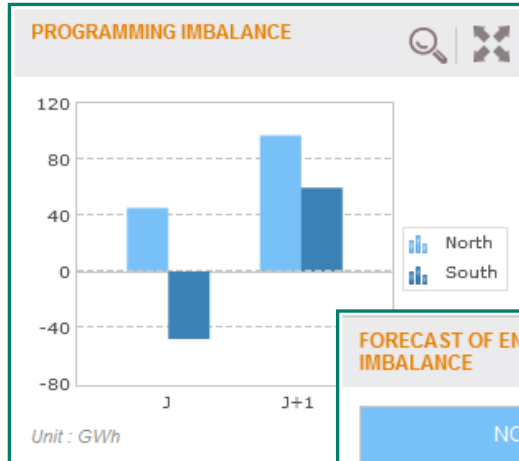
QTE_ECART_EBJ_TRADING_REGION

The Trading Region EBJ, related to GRTgaz South perimeter, is equivalent to the imbalance in the Trading Region

QTE_ECART_EBJ

The EBJ, related to GRTgaz South perimeter is equivalent to the GRTgaz share in the Trading Region

Smart GRTgaz : what's changing



Replacement of the programming imbalance of the South zone by the TRS imbalance.

FORECAST OF END-OF-DAY NETWORK IMBALANCE

NORTH	
Current gas day	-44.33
Coming gas day	627.61

SOUTH	
Current gas day	
Coming gas day	

Unit : GWh

Display of 2 forecast end-of-day network imbalances :

- South GRTgaz
- TRS



Removal of PIR Midi

① PIR Midi and PEG South historical data will be stored and accessible.