

Regulation (EC) 715/2009

Implementation of Transparency Platform

TIGF's Network presentation

- Wholly-owned subsidiary of TOTAL created in 2005
- Workforce: 351 employees
- Integrated services: Transport and Storage

Transport :

102 TWh/an of transported gas (network entry in 2008)

36 TWh/an of consumption (2008)

100 millions € of investments/year

13 % of the French Transport network (4900 km)

Industrials consumers: 138

Distribution users: 151

4 compressions stations

Storage:

- 2 natural gas storages:

Lussagnet (Landes): 2,5 Gm³ and

Izaute (Gers) : 3,0 Gm³

Global Capacity 5,5 Gm³

- 22% of the storage capacities in France (29 TWh)

TIGF



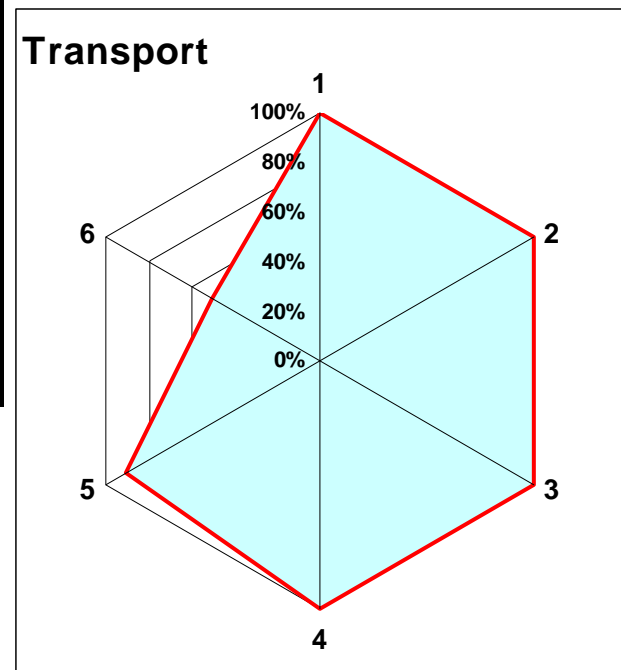
TIGF

Today's TIGF's Transparency situation

TIGF

	EC 715 /2009 Article 18	In the TIGF's web Site
1	The TSO shall make public the services and conditions applied and technical information	Ok
2	TSO shall publish detail informatio on tarif derivation, methodology and structure	Ok
3	The TSO shall make public information on technical, contracted and available capacities on a numercial and rolling basis for all relevants Entry / Exit points	Ok, fully implemented. A web tool allows the shipper see the subscribed, allocated and available capacities during a period requested by the shipper.
4	The relevants point of a Tranmission System in which the Information is to make public shall be approved by the NRA after consultation with Network users	Ok.
5	The TSO shall always disclose the information required by the EC 715/09 in a clear, easily accesible manner and non discriminatory basis	Ok.
6	The TSO shall make public ex-ante and ex-post supply and demand information based in nominations, forecasts and realised flows in and out of the system	OK partially. TIGF doesn't publish any "ex-ante supply" and forecasts.

TRANSPORT

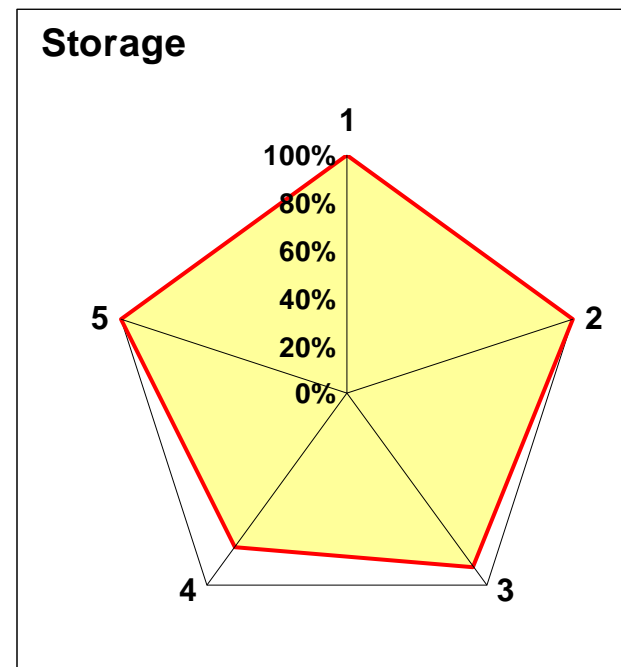


TIGF

Today's TIGF's Transparency situation

TIGF

	EC 715 /2009 Article 18	In the TIGF's web Site	
S T O R A G E	1	The SSO shall make public the services and relevant conditions applied.	Ok
	2	The SSO shall make public information on technical, contracted and available capacities on a numerical and rolling basis.	Ok
	3	The SSO shall always disclose the information required by the EC 715/09 in a clear, easily accesible manner and non discriminatory basis	Ok
	4	The SSO shall make public the amount of gas in each storage, inflows, outflows and available storage. Information to be updated daily	Ok. The data is calculated manually, because of this the information is updated weekly.
	5	The TSO shall make public suffitienly detailed information on tarif derivation, methodology and structure of tarif for infrastructure uner TPA.	Ok



Work to be improved in terms of automated processing of the information

TIGF

- Nowadays many of the transparency publications (specially data) are produced manually or only semi-automatically so TIGF has some points to deal with:
 - Possible mistakes
 - Reliability of the data
 - Availability of the resource to produce it
- In order to enhance the process, an automatic IT system has to be developed, nevertheless we have to deal with some constraints:
 - Availability of human resources to be dedicated to the project
 - Time to develop the IT system (specifications, developments, testing, etc)
 - Costs of the IT system.
- With a limited budget and resources for a medium/small TSO, a level of priority (or urgency) for the projects needs to be determined first

Work to be improved in terms of automated processing of the information

TIGF

Regarding the automated processing of the Transparency requirements:

- For the Transparency Publication via the GSE site the TIGF's IT system will be in operation by the end of November 2009.
- For the Transparency Publication via the GTE site the TIGF's IT system will be in operation by the end of June 2010.

The global level of transparency regarding information published and implementation is good

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A quick overview of the transparency publications - Transport

TIGF

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FRANÇAIS ENGLISH

WHAT WE DO NETWORK ACCESS SERVICE STORAGE ACCESS SERVICE REGULATIONS AND COMMITMENTS CONTACT

Network Access Service / Transport Service / Transport Service

Transport Access Service Portal

Transport Service

Transport Service

Procedures for subscription requests and allocations of transport capacities

Exchange Markets

Connection Service

Publications

TAO Commercial Contacts

Connection Service Contacts



Transport Service

28 Septembre, 09



Transport Contract

Transport prices

- [ATR 2009](#)
- [Price Calculation Tool ATR 2009](#)

Balancing

- [Principles](#)
- [Daily Procedures between the Consignor and the Transport Network Operator](#)
- [Daily Summary](#)
- [Resetting of Cumulative Adjustment to zero at month-end](#)
- [Examples of calculations](#)

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A quick overview of the transparency publications - Transport

TIGF

Publications FR

Transport capacities

Yearly, Seasonal, Monthly **Daily**

PITT-BIRIATOU
 PITT-DORDOGNE
 PITT-GRGGAZSUD
 PITT-HERAULT
 PITT-LARRAU
 PITPE-LACQ

From: 01/10/2009 To: 31/03/2011 **DISPLAY**

GW/h/d at 0°C		PITT-BIRIATOU		PITT-GRGGAZSUD				PITT-LARRAU		
		Entry	Exit	Entry		Exit		Entry	Exit	
		Firm	Firm	Firm	Interruptible	Firm	Interruptible	Firm	Interruptible	Firm
Oct-09	Marketable	4,000	10,000	355,000	15,000	30,000	40,000	-	40,000	100,000
	Subscribed Y/S	2,000	-	355,000	12,669	30,000	5,000	-	40,000	100,000
	Subscribed M	2,000	-	-	-	-	-	-	-	-
	Available	0,000	10,000	0,000	2,331	0,000	35,000	-	0,000	0,000
Nov-09	Marketable	5,000	-	325,000	5,000	30,000	50,000	-	40,000	100,000
	Subscribed Y/S	4,985	-	252,961	3,467	30,000	50,000	-	29,212	100,000
	Subscribed M	-	-	-	-	-	-	-	-	-
	Available	0,015	-	72,039	1,533	0,000	0,000	-	10,788	0,000
Dec-09	Marketable	5,000	-	325,000	5,000	30,000	50,000	-	40,000	100,000
	Subscribed Y/S	4,985	-	252,961	3,467	30,000	50,000	-	29,212	100,000
	Subscribed M	-	-	-	-	-	-	-	-	-
	Available	0,015	-	72,039	1,533	0,000	0,000	-	10,788	0,000
Jan-10	Marketable	5,000	-	325,000	5,000	30,000	50,000	-	40,000	100,000
	Subscribed Y/S	4,985	-	252,961	3,467	30,000	50,000	-	29,212	100,000
	Subscribed M	-	-	-	-	-	-	-	-	-
	Available	0,015	-	72,039	1,533	0,000	0,000	-	10,788	0,000
Feb-10	Marketable	5,000	-	325,000	5,000	30,000	50,000	-	40,000	100,000
	Subscribed Y/S	4,985	-	252,961	3,467	30,000	50,000	-	29,212	100,000
	Subscribed M	-	-	-	-	-	-	-	-	-
	Available	0,015	-	72,039	1,533	0,000	0,000	-	10,788	0,000

TETRA

A quick overview of the transparency publications - Transport

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FRANÇAIS ENGLISH

WHAT WE DO NETWORK ACCESS SERVICE STORAGE ACCESS SERVICE REGULATIONS AND COMMITMENTS CONTACT

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Price targets, Principles and Methodology

28 Septembre . 09



ATR 2009 :

- [General](#)
- [Price targets, Principles and Methodology](#)
- [Main Network Pricing](#)
- [Regional Network Pricing](#)
- [Exceeding of capacities](#)

The aim of the methodology developed by TIGF is to allocate the effective costs of transport to the different network users, reflecting the situation and the economy of gas transport.

To respond to this objective, the price is based on the following underlying principles:

- it is based on costs for development of the network, from detailed modelling of infrastructure and seasonal proportional volumes

- it integrates the saturation status of transport capacities, thus allowing relevant signals to be sent to the market and thus encouraging optimum use of the network.

These principles have been extended over the Main and Regional Networks taking into account their specific features:

- on the Main Network, TIGF has taken into account the dimensional characteristics of the network (diameter and length of the pipelines), the situation of the seasonal proportional volumes (in particular the reverse volumes) and the saturation status of the compression facilities and transport capacities:

 [Download a detailed description of the methodology in RP.](#)
Size:20 kB - Last modifications : 8/20/2007

- on the Regional Network, TIGF has taken into account the dimensional characteristics of the network (diameter and length of the pipelines).

 [Download a detailed description of the methodology in RR.](#)
Size:61 kB - Last modifications : 8/16/2007

A quick overview of the transparency publications - Transport

TIGF

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Publication quotidienne des quantités pour **Septembre 2009**

* les données sont exprimées en GWh/j

	Consommation	Quantités réalisées avec GRTgaz	Quantités réalisées avec l'Espagne		Quantité échangée au
	de la zone d'équilibrage	au PITT GR TGAZSUD	au PITT LARRAU	au PITT BIRIATOU	PEG
01 sept 2009	33,7	157,4	-35,1	1,9	29,3
02 sept 2009	34,9	146,3	-35,1	1,9	32,8
03 sept 2009	35,8	100,0	-35,1	1,9	31,8
04 sept 2009	42,7	103,2	-35,1	1,9	29,3
05 sept 2009	38,6	119,8	-40,7	1,9	30,3
06 sept 2009	37,1	124,2	-40,7	1,9	30,3
07 sept 2009	44,1	85,9	-36,2	1,9	29,8
08 sept 2009	44,5	92,8	-35,6	1,9	31,7
09 sept 2009	44,0	74,6	-36,2	1,9	30,8
10 sept 2009	44,7	81,0	-36,2	1,9	29,8
11 sept 2009	44,7	111,9	-36,2	1,9	30,8
12 sept 2009	38,5	160,9	-41,2	1,9	34,8
13 sept 2009	37,7	159,6	-41,2	1,9	34,8
14 sept 2009	46,5	79,4	-37,2	1,9	30,8
15 sept 2009	48,5	94,1	-37,2	1,9	30,8
16 sept 2009	49,1	92,1	-37,2	1,9	39,8
17 sept 2009	49,3	97,9	-37,2	1,9	43,8
18 sept 2009	48,0	78,1	-37,2	1,9	35,0
19 sept 2009	42,8	92,8	-41,2	1,9	33,5
20 sept 2009	42,0	90,0	-41,2	1,9	33,5
21 sept 2009	48,3	86,9	-37,2	1,9	32,0
22 sept 2009	43,9	89,0	-37,2	1,9	30,5
23 sept 2009	44,6	100,1	-37,2	1,9	29,5
24 sept 2009	46,6	82,1	-37,2	1,9	30,5
25 sept 2009				-	
26 sept 2009				-	
27 sept 2009				-	
28 sept 2009				-	
29 sept 2009				-	
30 sept 2009				-	

TIGF

Ces données sont fournies à titre indicatif et ne constituent aucun engagement de la part de TIGF qui se réserve le droit de les modifier à tout moment sans préavis.

A quick overview of the transparency publications - Storage

TIGF

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FRANÇAIS ENGLISH

WHAT WE DO NETWORK ACCESS SERVICE STORAGE ACCESS SERVICE REGULATIONS AND COMMITMENTS CONTACT

Storage Access Service / Storage Service / Storage Contract / Principles

- Storage Access Service Portal
- Storage Service
 - Storage Contract
 - Principles
 - Contractual Rules
 - General Conditions
 - Physical Characteristics of Storage
 - Operational Conditions
 - Allocation Rules
 - Principles of Storage Gas Transfer on November 1st
 - Standard Services
 - Stock Programming and calculation
 - Additional Services
 - Prices 2008
 - Prices 2009
 - Maintenance Work and Operations
 - Special Provisions
- Publications
- SAO Commercial Contacts

Principles

28 Septembre, 09

Storage Contract

- Principles
- Contractual Rules
- General Conditions
- Physical Characteristics of Storage
- Operational Conditions
- Allocation Rules
- Principles of Storage Gas Transfer on November 1st

Object of the Storage Access Contract

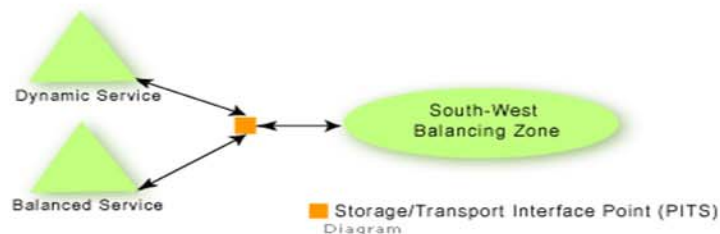
The object of the Storage Access Contract is to determine the conditions in which TIGF undertakes to take the quantities of gas delivered to it by the **Customer** to the Storage Transport Interface Point and subsequently return to the Customer, at this same point, quantities of gas equivalent to those previously delivered by the Customer.

Term of the Storage Access Contract

The contract year runs from 1 April to 31 March (one summer, the injection period, followed by one winter, the decanting period). The Storage Access Contract may be taken out at one month's notice for periods that must start on the first day of a month and must end on 31 March in a year. Multiannual subscriptions are possible. Subscription during the year leads to the application of Special provisions.

ATS South-West Services

Access to TIGF natural gas storage infrastructure is possible from the South-West balancing zone. TIGF offers two services for access to its storage infrastructure known as the Dynamic Service and the Balanced Service. Each of these services has Storage Units with specific characteristics (see Characteristics of Standard Services).



New Transparency requirements

The logo for TIGF, consisting of the letters 'TIGF' in a bold, red, sans-serif font.

- **Balancing Info**
 - ❖ **Model (balancing period)**
 - ✓ All the information concerning the model and the daily balancing period is published in detail on the TIGF's web site.
 - ❖ **Tolerances (type and range)**
 - ✓ It's published in detail in the TIGF's web site
 - ❖ **Info to users prior to and during the respective Gas-day**
 - ✓ As TIGF has a DAILY balancing system, only the D-1 data are available.
 - ❖ **Cash out system**
 - ✓ The mechanism is published in detail on the TIGF's web site.
 - ❖ **Balancing mechanisms used by the TSO**
 - ✓ It's published in detail on the TIGF's web site.
- **Incurred costs**
 - ❖ As an integrated company (transport and storage) TIGF offers the Shippers a service of daily balancing (SEJ), this service allows the Shippers to be balanced with their own gas in the storage. Because of this, for TIGF there is only one cost which is the treatment of the information.
 - ❖ For the Shippers the only cost is to subscribe the SEJ service. (SEJ Capacity: 4€/MWh/j)
- **Generated revenues**
 - ❖ All the revenues due to balancing penalties are redistributed among all the shippers once a year (in march) in a pro-rata basis.

Conclusions

TIGF

- Today's Transparency level
 - ✓ The situation is good. Given the high volume of information to be published, there is a need for improved automation of the information processing without losing the quality.
- New requirements of Transparency
 - ✓ Many of the items are nowadays published and available in our web site.
 - ✓ Some others need to be updated or presented in a more user-friendly manner.

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TIGF

Thank you for your attention
