TRANSMISSION TARIFFS
THERMAL YEAR
1st OCTOBER 2007- 30th SEPTEMBER 2008

The transportation tariffs have been calculated according to the criteria established by the Authority in the Delibera n. 166/05 on July, 30th 2005.

The transport tariff for a continuous service on annual basis

The transport tariff T for a continuous service on annual basis is obtained from the following formula:

$$T = (Ke * CPe) + (Ku * CPu) + (Kr * CRr) + CM + E * (CV+CV^{P});$$

where:

- Ke is the capacity allocated to the user at entry point *e* of the national transmission system, expressed in cubic metres per day;
- CPe is the unit charge for transportation capacity on the national transmission system in relation to the capacity allocated at entry point *e* expressed in Euro/year per cubic metre/day;
- Ku is the capacity allocated to the user at exit point *u* of the national transmission system, expressed in cubic metres per day;
- CPu is the unit charge for transportation capacity on the national transmission system in relation to the capacity allocated at exit point *u*, expressed in Euro/year per cubic metre/day;
- Kr is the capacity allocated to the user at redelivery point *r* of the regional transmission system, expressed in cubic metres per day;
- CRr is the unit charge for transportation capacity on the regional transmission system in relation to the capacity allocated at redelivery point *r*, expressed in Euro per cubic metre/day;
- CM is the metering charge for each of the redelivery points, expressed in Euro, equal to zero for the thermal year 2006-07;
- E is the quantity of energy, associated to the injected volume in the network, expressed in gigajoule;
- CV is the variable unit charge, expressed in Euro per gigajoule;
- CV^P is the supplementary charge, expressed in Euro per gigajoule.

The tariff factors associated at the unit hindered charges CPe, CPu, CRr, must be paid regardless of the actual use of the allocated capacity, while the factor concerning the variable charges CV and CV^P will be applied to the energy put in each of the entry points, not including the entry points from storage system.

The transport tariff for an interruptible service

According to the article 10.1 defined in the Delibera n. 166/05, at entry points interconnected with foreign pipelines, it's made available an interruptible transmission service in terms of duration and notice of the interruption. To the interruptible contracts, the following tariff reductions are applied:

For each user, a reduction of 10% of the CPe charge is applied at the interruptible capacity of first rank allocated at the entry point of national transmission system according to economy of cost associated at the supply of this service.

For each user, a reduction of 20% of the CPe charge is applied at the interruptible capacity of second rank allocated at the entry point of national transmission system according to economy of cost associated at the supply of this service.

The unit charges CPu and CRr and the variable unit charges CV and CV^P are the same defined for a continuous service on annual basis.

In order to apply the charges for an interruptible services, which have to be charged for the capacity booking in the contractual period, the tabble is attached below:

ENTRY Points		ANNUAL INTERRUPTIBLE		SEASONAL INTERRUPTIBLE	
		Level 1	Level 2 (1)	Level 1	Level 2 (1)
MAZARA DEL VALLO	Maxim Interr. (Tmax)	30 day	50 day	40 day	60 day
	Partial Interr. (T1max)	10 day	10 day	5 day	5 day
	Maxim. Interr. duration (Dmax)	10 day	10 day	15 day	15 day
	Minimun notice period (Pmin)	h. 12.00 THU(WEEK-1) (*)		h 16.00 (DAY-3) (**)	
GELA	Maxim Interr. (Tmax)	30 day	50 day	40 day	60 day
	Partial Interr. (T1max)	10 day	10 day	5 day	5 day
	Maxim. Interr. duration (Dmax)	10 day	10 day	15 day	15 day
	Minimun notice period (Pmin)	h. 12.00 THU(WEEK-1) (*)		h 16.00 (DAY-3) (**)	
TARVISIO	Maxim Interr. (Tmax)	30 day	50 day	40 day	60 day
	Partial Interr. (T1max)	10 day	10 day	5 day	5 day
	Maxim. Interr. duration (Dmax)	10 day	10 day	15 day	15 day
	Minimun notice period (Pmin)	h. 12.00 THU(WEEK-1) (*)		h 16.00 (DAY-3) (**)	
GORIZIA	Maxim Interr. (Tmax)	30 day	50 day	40 day	60 day
	Partial Interr. (T1max)	10 day	10 day	5 day	5 day
	Maxim. Interr. duration (Dmax)	10 day	10 day	15 day	15 day
	Minimun notice period (Pmin)	h. 12.00 THU(WEEK-1) (*)		h 16.00 (DAY-3) (**)	
PASSO GRIES	Maxim Interr. (Tmax)	30 day	50 day		
	Partial Interr. (T1max)	5 day	5 day		
	Maxim. Interr. duration (Dmax)	10 day	10 day		
	Minimun notice period (Pmin)	h 16.00 (DAY-3) (**)			

(1) Snam Rete Gas exercises its right to interrupt, with priority on first level interruptible capacity

(*) 12.00 o'clock of the Thursday of the week before the one in which the interruption begins

(**) 16.00 o'clock of the third Gas Day before the beginning of the interruption

In order to apply the charges for an interruptible services, which have to be charged for the capacity booking in the contractual period at the Entry Point of Vittorio Veneto, equal to 10% compared with a continuous service on annual basis, the service is inherent to:

- interruptible without notice because of missing gas flow from exit in the delivery point of Vittorio Veneto (REMI 34569001).

Transportation fee for the service based on continuous less than one year

As defined in Article 9.1 of the Decree No 166/05 at the points of entry interconnected with foreign, is made available transport service continued on a six monthly basis, quarterly and monthly fees applying to capacity CPe to on a monthly basis, the coefficients multiplying reported in the following table:

	Coefficienti moltiplicativi del corrispettivo mensile			
Mese	Annuo	Semestrale	Trimestrale	Mensile
Ott.	1	1	1,2	1,4
Nov.	1	1	1,2	1,4
Dic.	1	1	1,2	1,4
Gen.	1	1	1,1	1,2
Feb.	1	1	1,1	1,2
Mar.	1	1	1,1	1,2
Apr.	1	1,2	1,4	1,6
Mag.	1	1,2	1,4	1,6
Giu.	1	1,2	1,4	1,6
Lug.	1	1,2	1,6	1,6
Ago.	1	1,2	1,6	1,6
Set.	1	1,2	1,6	1,6

Charge for the onerous contribution to the containment of gas consumption

According to the Delibera n° 277/07 and with effect from 1 January 2008, it established a variabile unit charge CV^I as a increase of unit variable charge CV, the value of which was determined by Delibera n° 346/07 of 28 December 2007 and is equal to 0.010439 € / GJ.

The table containing the units charges approved by the Authority for thermal year 2007/2008 according to the Delibera n° 205/07, is attached below.

TARIFFE TRASPORTO E DISPACCIAMENTO
1 OTTOBRE 2007 - 30 SETTEMBRE 2008

Tabella 1.1 Corrispettivi unitari di capacità di rete nazionale

Cp_e	EURO/a/Smc/g		EURO/a/Smc/g
Mazara del Vallo	**2,432155**	Rubicone	**0,426053**
Gela	**2,266693**	Falconara	**0,658429**
Passo Gries	**0,522866**	Fano	**0,658429**
Tarvisio	**0,765603**	Carassai	**0,819898**
Gorizia	**0,598189**	Cellino	**0,819898**
Panigaglia	**0,656553**	Grottammare	**0,819898**
		Montecosaro	**0,819898**
Stoccaggi Stogit / Edison Stoccaggio	**0,327874**	Pineto	**0,819898**
		Rapagnano	**0,819898**
Bordolano	**0,205220**	San Giorgio Mare	**0,819898**
Casteggio	**0,205220**	San Benedetto del Tronto	**0,819898**
Caviaga	**0,205220**	Settefinestre-Passatempo	**0,819898**
Cornegliano	**0,205220**	Larino	**0,885837**
Corte-Colombarola	**0,205220**	Fonte Filippo	**0,885837**
Fornovo	**0,205220**	Poggiofiorito	**0,885837**
Leno	**0,205220**	Reggente	**0,885837**
Ovanengo	**0,205220**	Santo Stefano Mare	**0,885837**
Piadena est	**0,205220**	San Salvo-Cupello	**0,885837**
Piadena ovest	**0,205220**	Ortona	**0,885837**
Pontetidone	**0,205220**	Candela	**0,961589**
Quarto	**0,205220**	Masseria Spavento	**0,961589**
Romanengo	**0,205220**	Roseto-Torrente Vulgano	**0,961589**
Soresina	**0,205220**	Torrente Tona	**0,961589**
Trecate	**0,205220**	Calderasi-Monteverdese	**1,168349**
Alfonsine	**0,458404**	Ferrandina	**1,168349**
Casalborsetti	**0,458404**	Metaponto	**1,168349**
Certaldo	**0,458404**	Monte Alpi	**1,168349**
Correggio	**0,458404**	Pisticci A.P./B.P.	**1,168349**
Cotignola	**0,458404**	Sinni (Policoro)	**1,168349**
Manara	**0,458404**	Crotone	**1,763735**
Montenevoso	**0,458404**	Hera Lacinia	**1,763735**
Muzza	**0,458404**	Lavinia	**1,763735**
Pomposa	**0,458404**	Bronte	**2,029590**
Ravenna Mare	**0,458404**	Gagliano	**2,029590**
San Potito	**0,458404**	Mazara-Lippone	**2,029590**
Santerno	**0,458404**	Noto	**2,029590**
Spilamberto	**0,458404**	Chiaramonte Gulfi	**2,029590**
Tresigallo-Sabbioncello	**0,458404**		
Vittorio V.-S. Antonio-S.Andrea	**0,458404**		

CP_u	EURO/a/Smc/g		EURO/a/Smc/g
A - Friuli Venezia Giulia	**0,563979**	O - Basilicata e Puglia	**0,512872**
B - Trentino - Alto Adige e Veneto	**0,754502**	P - Campania	**0,322348**
C - Lombardia Orientale	**0,754502**	Q - Calabria	**0,322348**
D - Lombardia Occidentale	**0,945025**	R - Sicilia	**0,131825**
E1 - Nord-Piemonte	**1,135549**		
E2 - Sud Piemonte e Liguria	**0,945025**	Bizzarone	**1,744991**
F - Emilia e Liguria	**0,754502**	Gorizia	**0,937127**
G - Basso Veneto	**0,563979**	Rep. San Marino	**0,750593**
H - Toscana e Lazio	**0,668319**	Passo Gries	**1,139523**
I - Romagna	**0,563979**	Tarvisio	**0,440733**
L - Umbria e Marche	**0,477796**		
M - Marche e Abruzzo	**0,668319**	Stoccaggi Stogit / Edison Stoccaggio	**0,267190**
N - Lazio	**0,477796**		

Tabella 1.2 Corrispettivo unitario di capacità di rete regionale unico a livello nazionale

$CR_{r\ unico}$	EURO/a/Smc/g
CR_r	**1,269359**
CR^D	CR_r * D/15 dove 0<D<15

Tabella 1.3 Corrispettivi unitari variabili

CV	EURO/Gj
CV	**0,153745**
CV^P	**0,018596**

Numerical Model

A shipper has to supply a customer in Milano, with a consumption equal to 2,7 million cubic meter (38,1 MJ). The quantities are delivered to the entry point of Tarvisio and re-delivered in the Redelivery point of Milano. For this scope the shipper shall ask the following booking capacities:

- Entry point of Tarvisio = 8.000 Smc/g
- Entry point of Hub storage = 2.000 Smc/g
- Exit point = 10.000 Smc/g
- Exit point of Hub storage = 1.000 Smc/g
- Redelivery point of Milano = 10.000 Smc/g

The charge for transportation capacity is calculated as in the following example:

Capacity charges for the national transmission network (see tab1.1)

see Municipalities Withdrawal Areas Database

Entry Point		TARVISIO	HUB Storage.
Booking capacity	Sm3/g	8000	2000
CPe	Euro/a/Sm3/g	0,765603	0,327874
Charge	Euro	**6.124,824**	**655,748**

+

Exit point (homogeneous area)		D	HUB Storage.
Booking capacity	Sm3/g	10000	1000
CPu	Euro/a/Sm3/g	0,945025	0,267190
Charge	Euro	**9.450,250**	**267,190**

=

Rate CAPACITY RNG
Euro
16.498,012

Capacity charges for the regional transmission network (see tab1.2) +

Redelivery Point		MILANO
Distance from RNG	km	>15
Booking capacity	Sm3/g	10000
CRr	Euro/a/Sm3/g	1,269359
Charge	Euro	**12.693,590**

(see Redelivery points database)

Rate CAPACITY RRG
Euro
12.693,590

Metering Charge +

CM	Euro	**0,000000**

Rate metering
Euro
0,000

Unit Commodity Charge (see tab1.3) +

VOLUME	Mmc	2,70
Volume per year	GJ	102.870
$CV+CV^P$	Euro/GJ	0,172341
Charge	Euro	**17.728,719**

Rate Commodity
Euro
17.728,719

Transport charges del. 166/05 e 205/07 =

TOTAL
Euro
46.920,321

NB: In the example the supplementary charge, referred to art. 3 of Del. 277/07 determined by Del. 346/07 and valid from 1 January 2008 to 30 September 2008, isn't included.