

Capacity subscriptions at Obergailbach, Virtualys, Taisnières B and Oltingue PIR

You are active on GRTgaz upstream network and want to subscribe for capacity at Network Interconnection Points (PIR).

PIR are classified in three types:

- CAM points, on which CAM european network code (Capacity Allocation Mechanism) applies : Taisnières B, Virtualys and Obergailbach
- Oltingue PIR which is not a CAM point but on which CAM rules apply (with some specificities for Oltingue entry)
- Dunkirk and Jura PIR

The following sheet describes subscription modalities at Taisnières B, Virtualys, Obergailbach and Oltingue PIR.

1) Marketing mechanisms

GRTgaz sells firm, interruptibles and backhaul capacities (in the opposite direction of the physical flow) through auctions on PRISMA platform, on five time steps:

- yearly
- quarterly
- monthly
- daily
- within day

In order to ease new entrants' entry on the market, only 90% of the capacities are sold on yearly basis for the first five years (then 80% as from sixth until fifteenth years).

The 10% remaining capacities are set aside for short term (quarterly then monthly, daily and within day).

Starting from the sixth year and for the nine years remaining, 10% additional are sold for short term, meaning a total of 20% available for quarterly then monthly, daily and within day.

Marketing planning

Products marketing planning on PRISMA platform is the following:

CAM agenda

Product	Validity period	Firm		Interruptible / Backhaul (**)	
		Publication	Starting date	Publication	Starting date
YEARLY	1/10/Y - 1/10/Y+1	1 month before the auction start	1 st Monday of July Y	1 week before the auction start	3 rd Monday of July Y
	...				
	1/10/Y+14 - 1/10/Y+15				
QUARTERLY	Q1: 1/10/Y - 1/01/Y+1	2 weeks before the auction start	1 st Monday of August	1 week before the auction start	1 st Monday of September
	Q2: 1/01/Y+1 - 1/04/Y+1		1 st Monday of November		1 st Monday of December
	Q3: 1/04/Y+1 - 1/07/Y+1		1 st Monday of February		1 st Monday of March
	Q4: 1/07/Y+1 - 1/10/Y+1		1 st Monday of May		1 st Monday of June
MONTHLY	Month M	1 week before the auction start	3 rd Monday of month M-1	1 week before the auction start	4 th Tuesday month M-1
DAILY	Day D	4:30pm D-1		5:30pm D-1	
WITHIN DAY	H+4 for the day until the end of the gas day	As from 7 pm until 2:30am then each hour		UBI*	

Capacities marketed on PRISMA
EUROPEAN CAPACITY PLATFORM

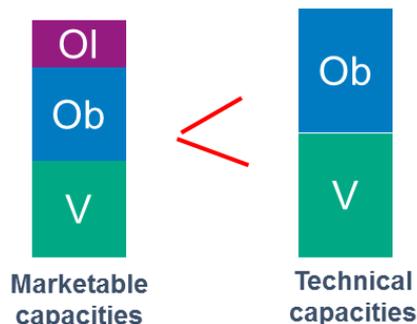
* only on forward direction and marketed on TRANS@ctions

** Oltingue firm Entry is commercialized according to interruptible calendar (except for within day: firm slot)

Backhaul products (yearly and within-day) are marketed during the windows of interruptible products.

Oltingue entry specificities:

Oltingue entry point follows specific rules because it was created without core network development. Thus, this point is commercialized with no increase of firm commercialized capacities on Virtualys + Obergailbach + Oltingue entries, and the priority is given to pre-existing points.



This results in the following specificities for Oltingue entry point:

- The sum of commercialized capacities on Virtualys, Obergailbach and Oltingue should not exceed the sum of Virtualys and Obergailbach technical capacities ;
- Oltingue entry is commercialized after Virtualys and Obergailbach for the same period (except for within-day). In that respect, firm capacities are commercialized according to interruptible CAM calendar, and interruptible capacities on the next slot.

For yearly products, only the coming year is commercialized in the auctions. 10% of capacities are set aside for short term, on each point and on the sum of the 3 points Virtualys + Obergailbach + Oltingue.

Interruptible capacities are commercialized only when all firm capacities (on each point or on Virtualys + Obergailbach + Oltingue) are sold out, or if there was a premium in the former auction.

How to book capacity on PRISMA?

In order to book a capacity on PRISMA platform, after checking the day and the sale hour of the product that interest you, you just have to connect on PRISMA platform, go in « Auctions » section, then in « current », and to select your auction thanks to filters. All that remains is to click on « submit bid » to place your offer.

The screenshot shows the PRISMA Auction Overview interface. At the top, there are navigation tabs: AUCTIONS, BOOKINGS, SECONDARY TRADING, NETWORK INFORMATION, and CUSTOMER CENTRE. Below these is a sub-header for 'Long-Term and Short-Term Auctions | Reverse Auctions'. The main section is titled 'Auction Overview' and includes filters for 'All Past', 'Last Monthly', 'Last Day-Ahead', 'Current' (highlighted with a red box), 'Future', and 'Intermediate Results'. A table lists various auctions with columns for Auction ID, Status, Start of Auction, Network Point, Market Area, Marketable Capacity, Regulated Capacity Tariff, Surcharge, Product Runtime Start/End, Product Category, TSO, Direction, Type of Gas, and Action. A 'Submit Bid' button is highlighted in a red box for the last row of the table.

Auction ID	Status	Start of Auction	Network Point	Market Area	Marketable Capacity	Regulated Capacity Tariff	Surcharge	Product Runtime Start	Product Runtime End	Product Category	TSO	Direction	Type of Gas	Action
7340137	D	28.09.2015 17:30	Šempeter SI -> IT(212000000000442)	Slovenia	1,154,496 kWh/h	1.01 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible	Plinovodi	Exit	H-gas	
7340134	D	28.09.2015 17:30	Rogatec SI -> CRO(212000000000128T)	Slovenia	2,616,600 kWh/h	1.06 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible	Plinovodi	Exit	H-gas	
7340133	D	28.09.2015 17:30	Rogatec CRO -> SI(212000000000128T)	Slovenia	2,830,200 kWh/h	0.95 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible	Plinovodi	Entry	H-gas	
7340132	D	28.09.2015 17:30	Ceršek AT -> SIC(200000000000058)	Slovenia	5,553,600 kWh/h	1.26 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible	Plinovodi	Entry	H-gas	
7282519	D	28.09.2015 17:30	Ceršek SI -> AT(212000000000058)	Slovenia	5,767,200 kWh/h	1.14 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible	Plinovodi	Exit	H-gas	
7280910	D	28.09.2015 17:30	Dräger Entry (Dräger)	Denmark	600,000 kWh/h	0.219744 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible level 1	ENDK	Entry	H-gas	
7248640	D	28.09.2015 17:30	Arnoldstein/Tarvisio(Arnoldstein / Tarvisio)	Market Area East (Austria) Italy	4,889,114 kWh/h	1.44 cent/kWh/h/Runtime 1.074634 cent/kWh/h/d	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible interruptible	TAG GmH SRG	Exit/Entry	H-gas H-gas	
7248624	D	28.09.2015 17:30	Gela(500297 G)	Italy	2,999,828 kWh/h	3.143276 cent/kWh/h/d	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible	SRG	Entry	H-gas	
7217213	D	28.09.2015 17:30	JULIANADORP (BBL301214)	TTF	10,200,000 kWh/h	0.36827778 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	backhaul level 1				
7216750	D	28.09.2015 17:30	Šempeter IT -> SI(212000000000442)	Slovenia	1,174,800 kWh/h	0.92 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 08:00	30.09.2015 06:00	interruptible				

Total 10 | Number of search results per page 10 20 50 100

Do not forget to confirm in order that your request is taken properly into account.

Auction mechanism

Capacities are marketed according to two auction mechanisms on PRISMA platform:

Ascending auctions

This mechanism is used for **yearly, quarterly and monthly products**.

At each auction phase, shippers place their volume bids face to a price knowing that the auction starts at the reserve price.

At the end of the phase:

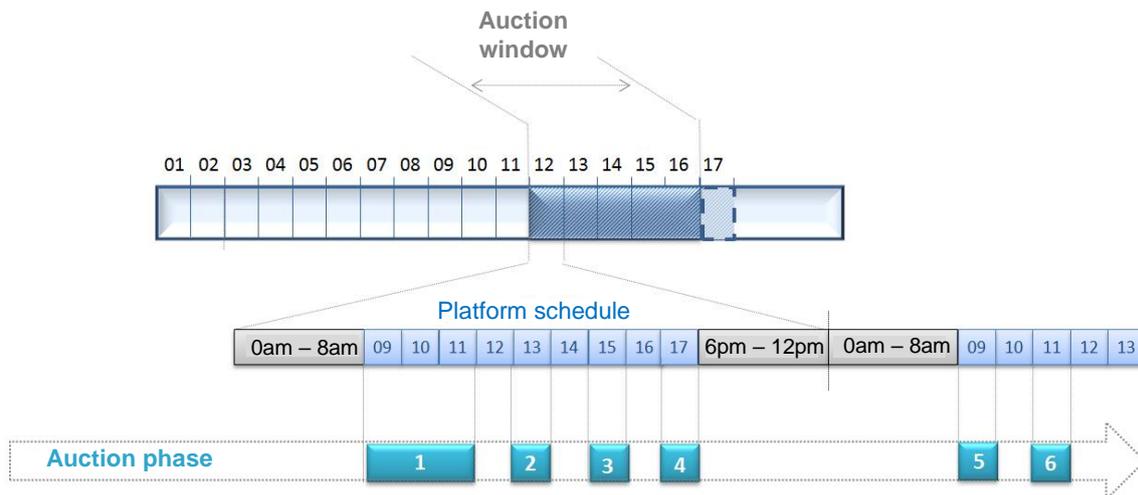
- If the request is lower than marketed capacity, the auction is closed and the shippers are allocated to reserve price (upregulated price)
- If the request is higher than marketed capacity, a new phase is opened by increasing the price of a big level of price

As the request stays higher than the marketed capacity, the phases continue by increasing the price by big levels.

When the request becomes lower than marketed capacity, a new phase is opened returning to the last price where the request was higher than marketed capacity and increasing it of a little level of price.

As the request stays higher than marketed capacity, the phases continue by increasing the price by little levels of price. When the request becomes again lower than marketed capacity, the shippers who made an offer are allocated to the volume asked at this last phase and of the correspondent price.

The scheme below represents phases' schedules: the first lasts 3 hours and the following 1 hour with a gap of one hour between each phase. If at the end of the auction phase which takes place from 5 pm to 6 pm, the auction is not closed, the auction restart the next day at 9 am.



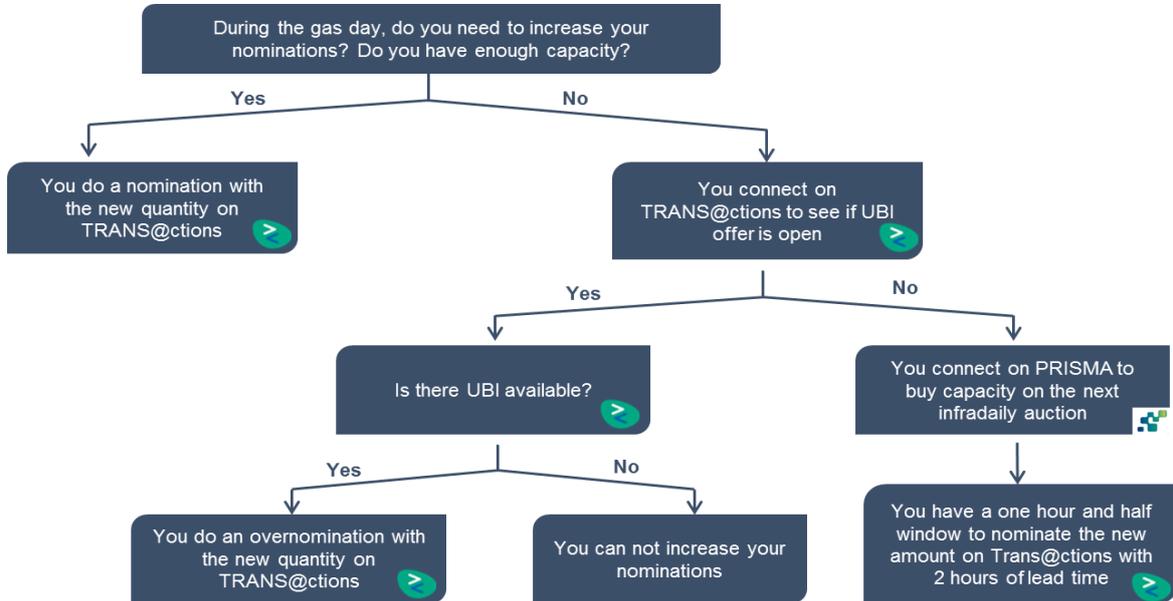
Uniform price auctions

This mechanism is used for daily and within day products.

The auction takes place in one phase of 30 minutes. Shippers place their volume and price offers. They are classified in the decreasing order of the offered prices. If all the capacities are sold the allocated price corresponds to the price of the last served offer, if not the price applied is the reserve price.

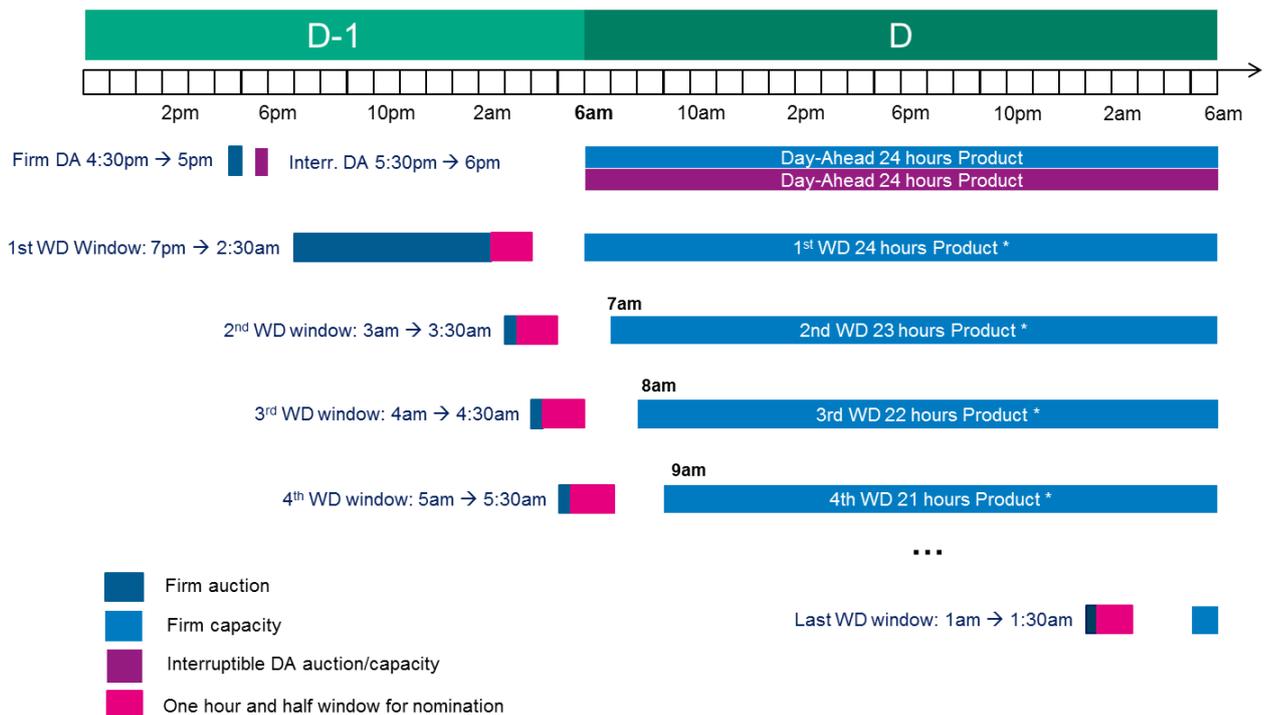
2) Zoom on Within Day offer

If during a gas day, you need to improve your nominations, you can proceed as describe below:



If during a gas day you don't have enough capacities you can buy within day capacities on Prisma. Once bought and with a 2 hours notice you will nominate the new value on TRANS@ctions. The schedule notice will be published 4 hours after the beginning of the auction.

Within Day auctions takes places according to the following planning:



Once all the firm capacities is sold, UBI offer is opened with a 2 hours notice. You can ask for interruptible capacities by overnominations if UBI is available. Your nomination will be taken into account in the schedule notice 2 hours later.

The UBI is implemented at Obergailbach, Virtualys, Taisnières B and Oltingue PIR according to the following modalities:

Opening of the service	Between 2 pm on D-1 and 3 am on intraD at each cycle
Level of capacities on sale	Subscribed capacities but unused at each cycle by shippers + unsold capacities by GRTgaz
Allocation method	At prorata, depending on nominations or programming of the last cycle, with a priority to annual, monthly and daily capacity owners (either firm or interruptible) at Dunkirk PIR
Price applied	1/240 th of the price of annual firm capacity This tariff applies on the quantity beyond capacities (firm rights and interruptible rights) subscribed at the concerned point
Where can I consult available capacity?	In TRANS@ctions
How can I book?	In TRANS@ctions, by nominating beyond the operational capacity of each shipper

UBI available capacity by gas day is available on TRANS@ctions portal via “Consult UIOLI Offers available” section. It is updated at each cycle.



At the end of each cycle, UBI capacity allocated is updated in the “Synthesis of Operational Capacities” of each shipper, in day-ahead and in infra daily.

3) Interruption order of interruptibles capacities

In case of capacities restrictions at PIR Obergailbach, Taisnières B, Virtualys and Oltingue, interruptible capacities are cut according to the order of subscription below:

