

The capacity offer at Interconnection Points (PIR)

The following sheet describes subscription modalities at Dunkerque, Taisnières B, Virtualys, Obergailbach and Oltingue Interconnection Points (PIR).

As of October 1st 2020, PIR are all commercialised on Prisma auctions following the CAM (*) European network code, even if Dunkerque and Oltingue are not “CAM points”. However there is a specificity for Oltingue entry.

(*) CAM = Capacity Allocation Mechanism. “CAM points” are the interconnection points between 2 countries from the European Union, for which the European Network Code must apply.

1) The products commercialized on PIR

GRTgaz sells on PIR:

- **Firm capacity:** use of the capacity is guaranteed (under normal system operating conditions and outside maintenance work periods)
- **Interruptible capacity:** capacity is available, subject primarily to consumption or system configuration. Interruptible capacities are marketed :
 - o if there is a premium during the auction of firm capacities,
 - o or if all firm capacities were allocated,
 - o or if firm capacities have not been offered to the market

On some points, capacities are also marketed in the opposite direction of the dominant physical flow direction (“backhaul” capacity).

The capacities are sold 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.

Special case for Dunkirk PIR – releasable capacities¹

Releasable capacities are non longer generated on Dunkirk PIR. Nevertheless, there are some remaining releasable capacities in portfolios, that have been generated in the past. Thus for yearly auctions on Dunkirk PIR, the releasable remaining capacities are added to the amount of « CAM » commercialized capacities.

Summary of products on offer

PIR marketed capacity according to different time steps

	Dunkerque	Oltingue		Virtualys		Taisnières B		Obergaillbach	
	IR0006	IR0011		IR0060		IR0015		IR0010	
	Entry	Exit	Entry	Entry	Exit	Entry	Exit	Entry	Exit
Yearly	F then I	F then I	F then I	F then I	F then B	F then I		F then I	B
Quarterly	F then I	F then I	F then I	F then I	F then B	F then I		F then I	B
Monthly	F then I	F then I	F then I	F then I	F then B	F then I		F then I	B
Daily	F	F	F	F	F then B	F	B	F	B
Within Day	F	F	F	F	F	F		F	
	UBI (I)	UBI (I)		UBI (I)		UBI (I)		UBI (I)	

marketed capacity on **TRANS@ctions**

marketed capacity on **PRISMA**

F : firm capacity
B : backhaul capacity

I : interruptible capacity (marketed only once all firm capacities are sold out)

How to view available capacities?

Available capacities are sold on the European platform Prisma and are published on:

- GRTgaz website, in the section “[Booking capacities](#)”
- on Prisma, before the auction

¹ If a shipper has more than 20% of annual firm capacities marketable at Dunkirk, a fraction of the share that he has beyond these 20% is convertible in releasable capacity: this fraction is set at 20%.

2) Marketing mechanisms

Marketing planning

Products marketing planning on PRISMA platform is the following:

PIR 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 Y	1 week before the auction start	1 st Monday of September Y
	Q2: 1/01/Y+1 - 1/04/Y+1		1 st Monday of November Y		1 st Monday of December Y
	Q3: 1/04/Y+1 - 1/07/Y+1		1 st Monday of February Y+1		1 st Monday of March Y+1
	Q4: 1/07/Y+1 - 1/10/Y+1		1 st Monday of May Y+1		1 st Monday of June Y+1
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 (Backhaul)	
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
 * only on forward direction and marketed on TRANS@ctions

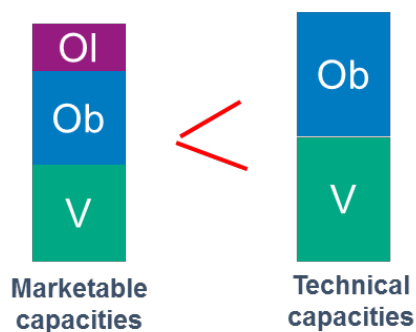
(pour la version française prendre le schéma sur le shippers book 2020)

However there is an exception for Oltingue firm Entry capacity, which 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 page. The navigation tabs include AUCTIONS, BOOKINGS, SECONDARY TRADING, NETWORK INFORMATION, and CUSTOMER CENTRE. The current view is 'Long-Term and Short-Term Auctions | Reverse Auctions'. The 'Auction Overview' section has tabs for 'All Past', 'Last Monthly', 'Last Day-Ahead', 'Current' (highlighted), '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, Product Runtime End, Product, Capacity Category, TSO, Direction, Type of Gas, and Action. A 'Submit Bid' button is visible over 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	Capacity 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 06:00	30.09.2015 06:00	D	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 06:00	30.09.2015 06:00	D	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 06:00	30.09.2015 06:00	D	interruptible	Plinovodi	Entry	H-gas	
7340132	D	28.09.2015 17:30	Ceršak AT -> SI(212000000000058)	Slovenia	5,553,600 kWh/h	1.26 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 06:00	30.09.2015 06:00	D	interruptible	Plinovodi	Entry	H-gas	
7282519	D	28.09.2015 17:30	Ceršak SI -> AT(212000000000058)	Slovenia	5,767,200 kWh/h	1.14 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 06:00	30.09.2015 06:00	D	interruptible	Plinovodi	Exit	H-gas	
7280910	D	28.09.2015 17:30	Drager Entry (Drager)	Denmark	600,000 kWh/h	0.219744 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 06:00	30.09.2015 06:00	D	interruptible level 1	ENDK	Entry	H-gas	
7249840	D	28.09.2015 17:30	Arnoldstein/Tarvisio(Arnoldstein / Tarvisio)	Market Area East (Austria) Italy	4,899,114 kWh/h	1.44 cent/kWh/h/Runtime 1.074634 cent/kWh/h/d	0 cent/kWh/h/Runtime	29.09.2015 06:00	30.09.2015 06:00	D	interruptible interruptible	TAG GmbH SRG	Exit/Entry	H-gas H-gas	
7249824	D	28.09.2015 17:30	Gela(50029701)	Italy	2,999,828 kWh/h	3.143276 cent/kWh/h/d	0 cent/kWh/h/Runtime	29.09.2015 06:00	30.09.2015 06:00	D	interruptible	SRG	Entry	H-gas	
7217213	D	28.09.2015 17:30	JULIANADORF (IBLJ301214)	TTF	10,200,000 kWh/h	0.36827776 cent/kWh/h/Runtime	0 cent/kWh/h/Runtime	29.09.2015 06:00	30.09.2015 06:00	D	backhaul level 1				View Auction
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 06:00	30.09.2015 06:00	D	interruptible				Submit Bid Stop Watching Auction

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:

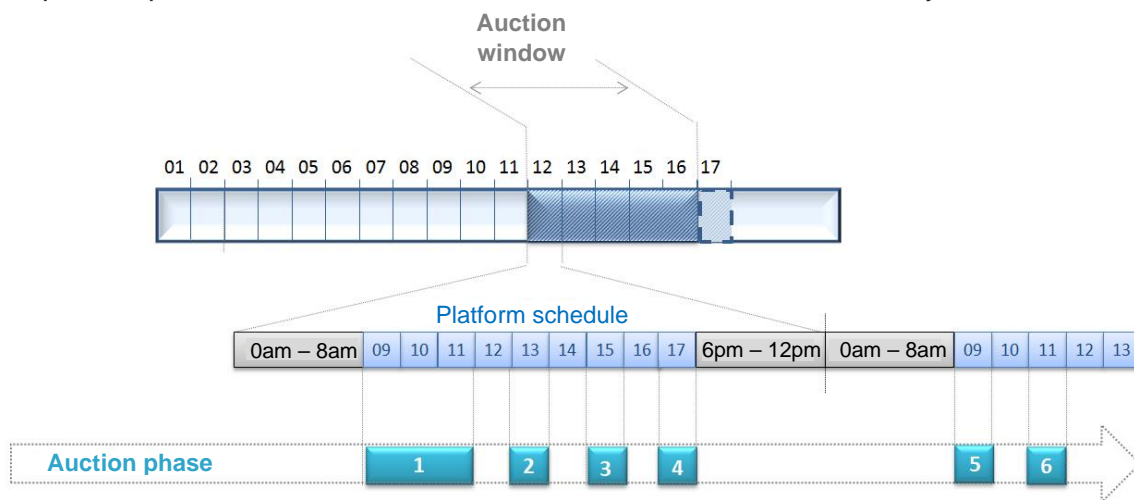
- If the request is lower than marketed capacity, the auction is closed and the shippers are allocated to reserve price (upregulated price)
- If the request is higher than marketed capacity, a new phase is opened by increasing the price of a big level of price

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.



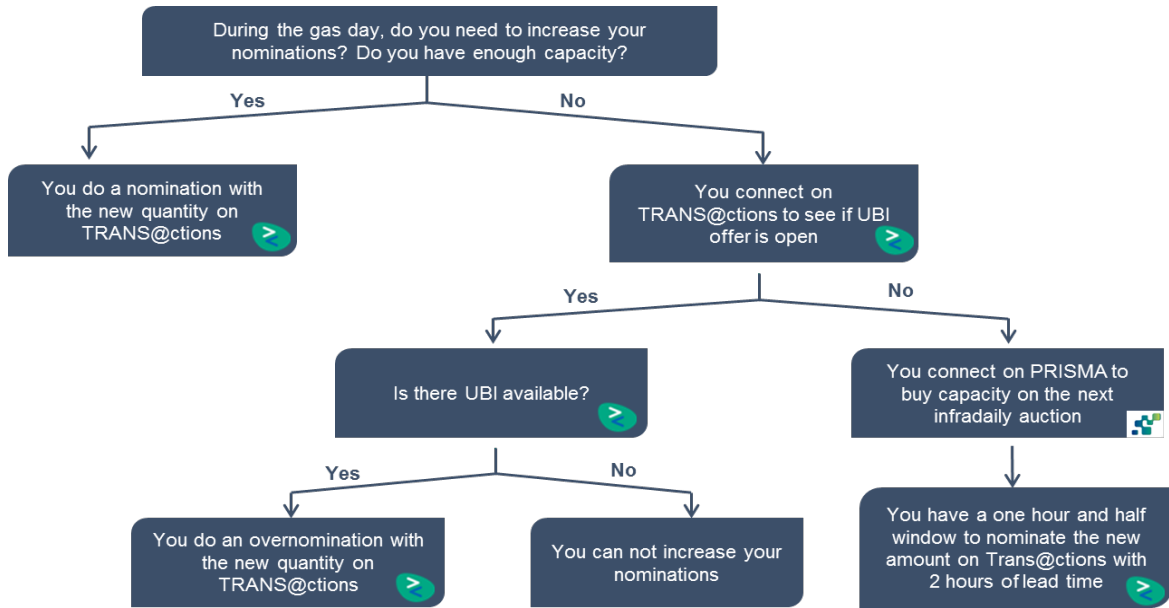
Uniform price auctions

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.

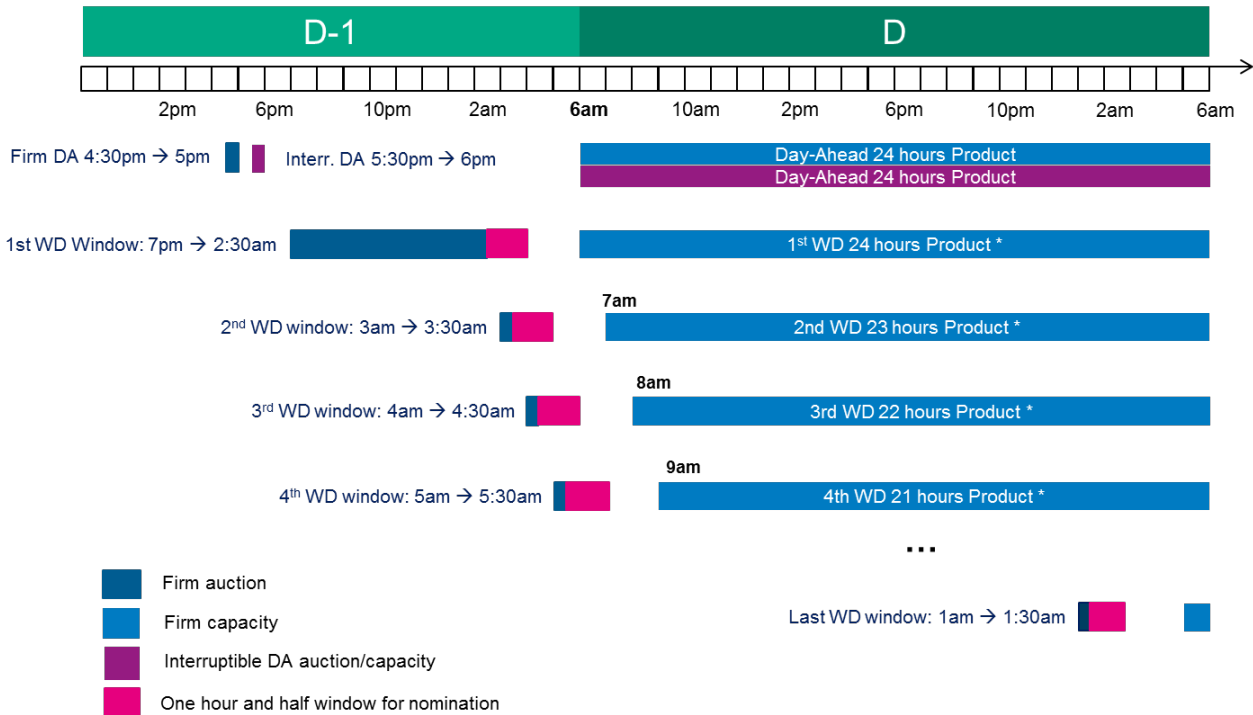
3) Zoom on Within Day offer

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 are 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.



TRANS@ctions

- Contract**
 - Consult your contracts
 - Manage your Joint Declarations
 - Access to the Contract GRT 3.1 data
 - Consult your daily 2%-risk peak
 - Access to the consumption forecasts
 - Consult the attachments
- Capacities & Services**
 - Manage your LT/MT Upstream Network Requests
 - Manage your Short Term Upstream Network Requests
 - Manage your Auctions Requests
 - Manage your Compensation Requests
 - Manage your Downstream Network Requests
 - Manage your Downstream Network Transfers of Right-of-Use
 - Subscribe to a service
 - Consult your subscribed Capacities & Services
- Operations**
 - Consult the Maintenance Schedule
 - Consult your Operational Capacities
 - Consult your operational capacities**
 - Consult the UIOLI Offer**
 - Manage your Transmission Requests
 - Consult your Scheduling
 - Manage your Declarations
- Metering & Allocations**
 - Consult your Metering
 - Consult your Metering graphically
 - Consult your Allocations
 - Consult your Operational Tolerances
 - Consult your CO2 emissions
 - Consult your Balancing
- Invoices**
 - Quick access

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.

4) 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:

