



GRTgaz

Connecter les énergies d'avenir



TRF : 2021 Maintenance Schedule

Webinar, 4th of March 2021

Agenda

+ Presentation of the 2021 maintenance schedule

- The maintenance schedule at a glance, calculation hypothesis
- Focus on the Northern points DK, DKLNG, Virtualys, Obergailbach (concerned by the NS1U and N2U superpoints)
- Focus on Atlantic PITS (concerned by EO2D superpoint)

+ How to visualize your restrictions

- How to read the superpoints restrictions on t@
- Don't forget to use the transfer between GRTgaz and Teréga
- New possibility with Odré

+ Summary

The maintenance schedule at a glance:

Entries

Exits

North-West : 12 days
 North-East : 0 day
 North-B: 44 days
 Atlantique: 22 days
 South-East : 26 days

DK LNG:
 2 days

Dunkerque: 6 days
 Taisnières B : 10 days
 Virtualys : 27 days
 Obergailbach : 0 day
 Oltingue: 42 days

+ SPN2U: 5 days
*Impacted points (entries):
 Dunkerque LNG, Dunkerque, Virtualys*

+ SPNS1U: 19 days
*Impacted points (entries): Virtualys,
 Obergailbach and Oltingue IP
 Oltingue exit = bonus*

Oltingue:
 29 days

Montoir :
 35 days



Fos :
 31 days

+ SPEO2D: 72 days
*Impacted points (exits):
 SSPEO2D: Atlantique PITS
 SSP Teréga: Pirineos and Lussagnet*

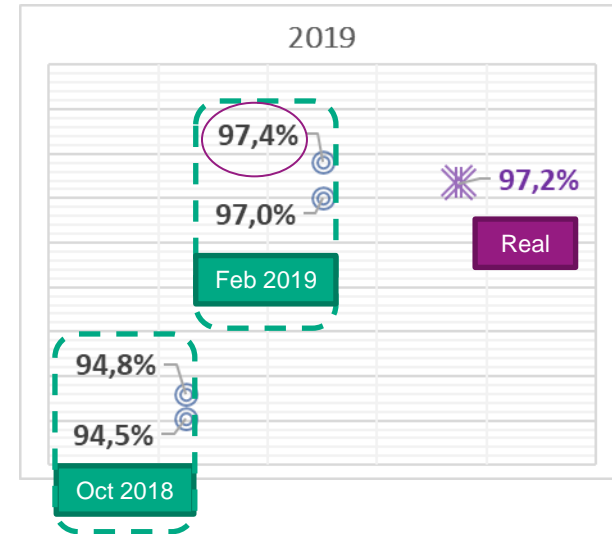
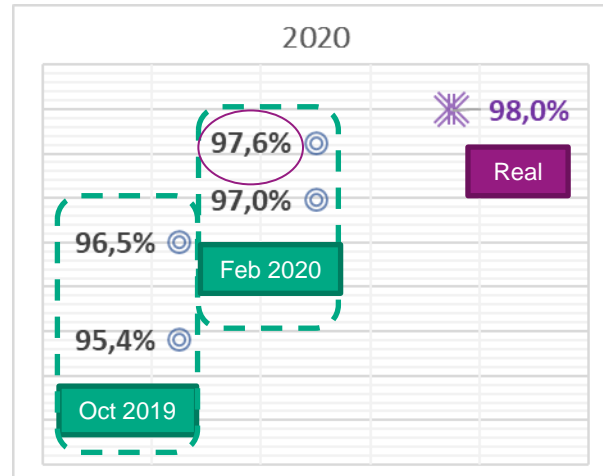
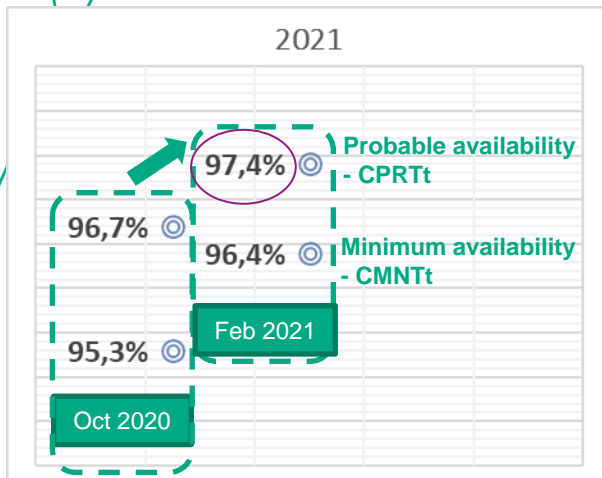
+ SP S1D: 64 days
 (same days as E02D)
 SSP Teréga: Pirineos and Lussagnet

+ 4 superpoints,
 including 3 on
 GRTgaz side

+ Maintenance indicators:

Improvement compared with the October provisionnal program for Summer 2021.

Probably available capacity (CPRTt) = about the same level as February 2019 and 2020.



Subscribed capacity availability – calculated on all the points including the impact on Teréga's points

Perspectives in the coming years: keep the same level, which is ambitious given the regulatory framework (increase in the frequency of pipeline inspections).

+ Calculation hypothesis

CMNT_t

Capacity available during maintenance in the worst case scenario: unfavorable consumption scenarios, and minimum LNG in Fos and Montoir terminals (30 GWh/d for each).

CPRT_t

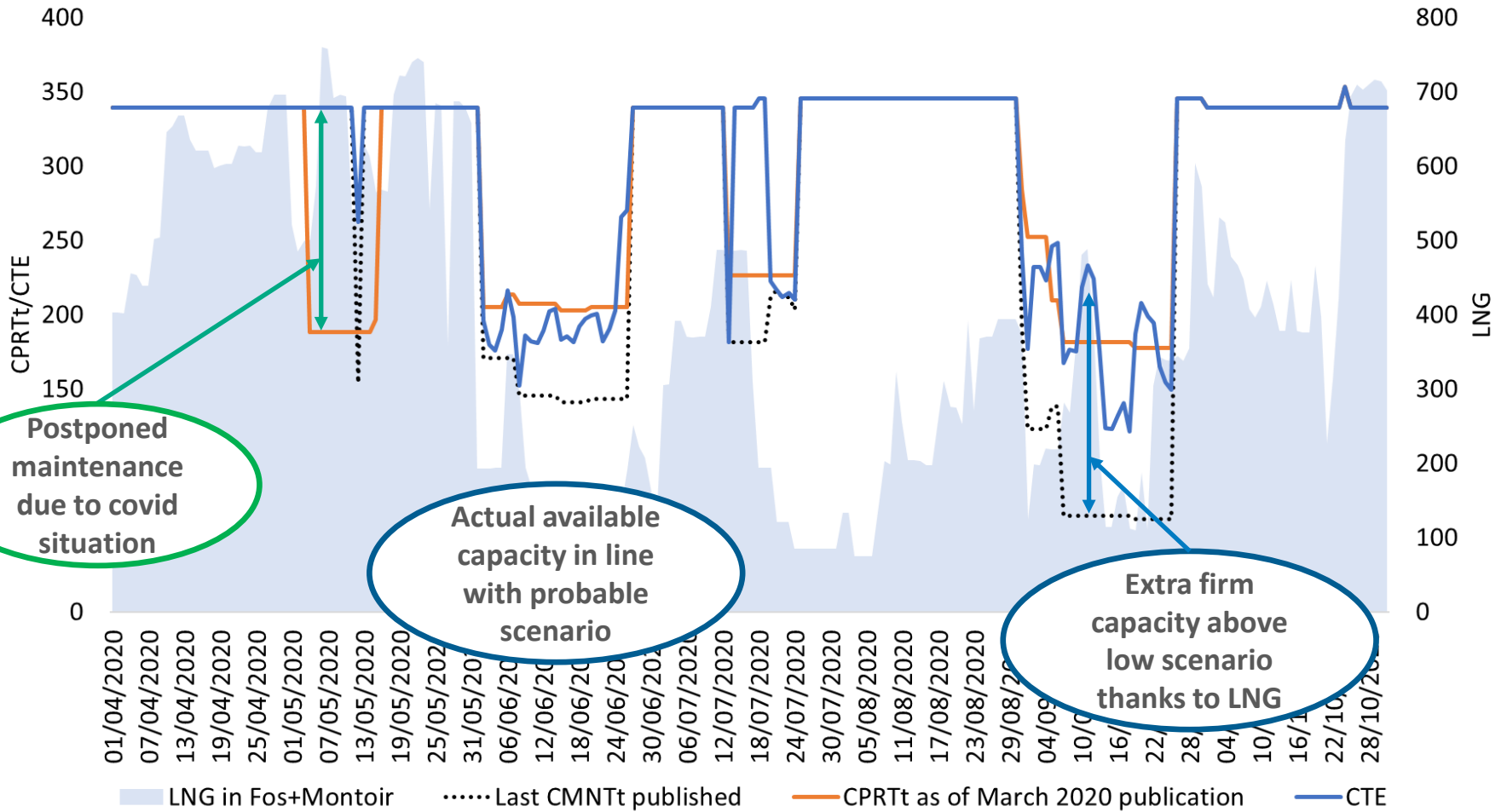
Capacity available during maintenance when the network is reasonably used. It is based on medium consumption and flows scenarios (for LNG: 100 GWh/d at Montoir and 150 GWh/d in Fos). It also takes into account the works' probability.

Restriction rates

Are calculated based on subscribed capacities.

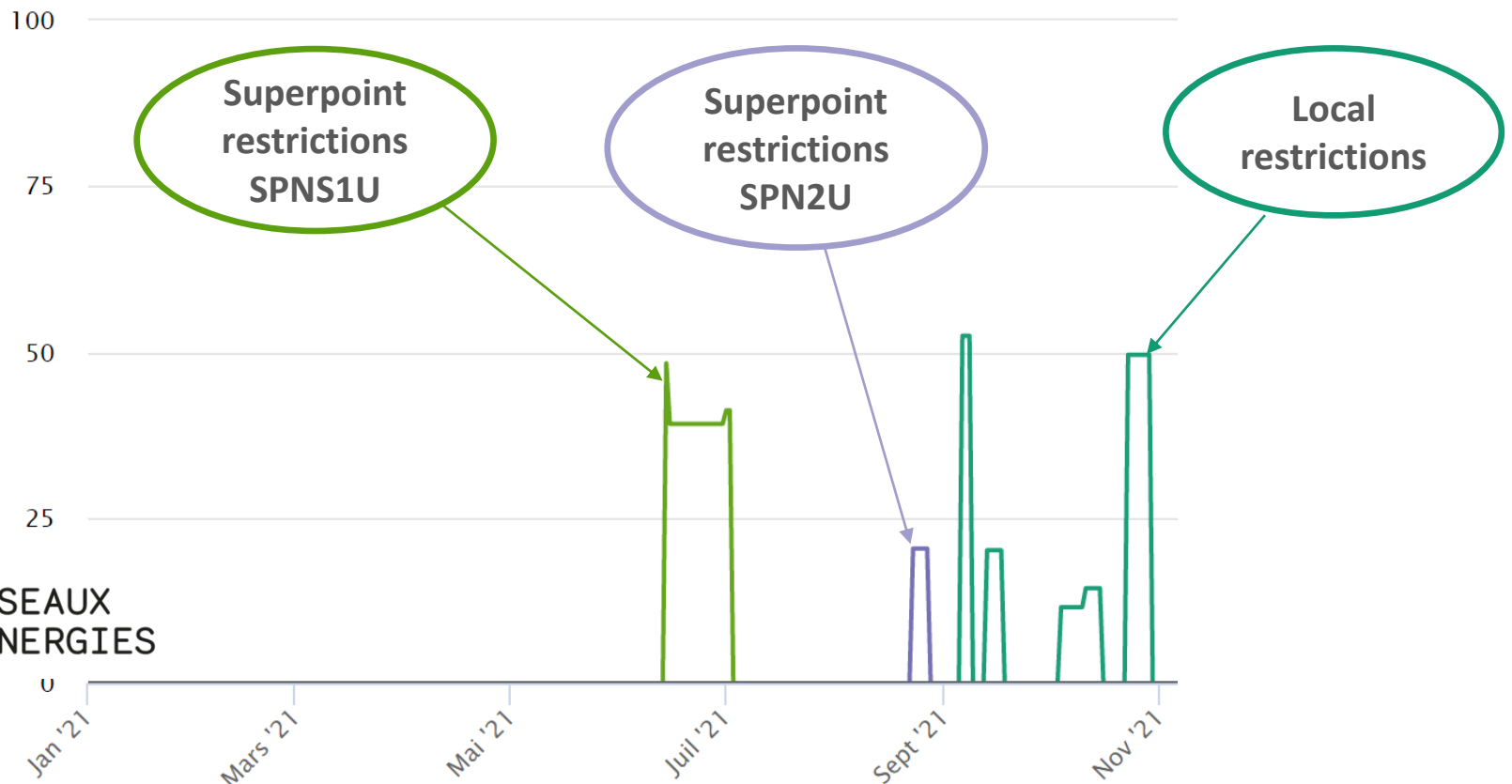
+ Last year, more capacity thanks to LNG

SSP EO2D



+ Northern entry points

TR Prob / Probable restriction rate *Virtualys Entry*



- Dunkerque and Dunkerque LNG (entries) impacted by SPN2U
- Obergailbach and Oltingue (entries) impacted by SPNS1U together with Virtualys. Oltingue exit is a bonus

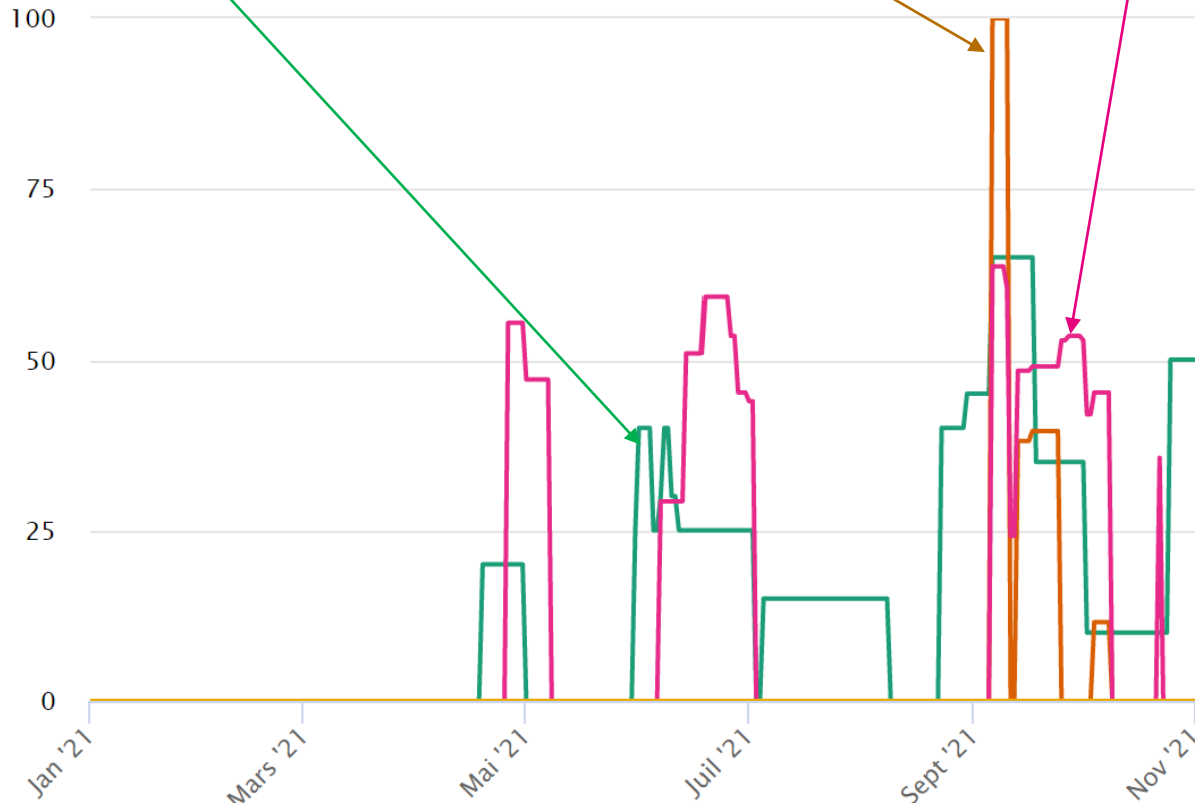
Atlantic PITS

Storengy restrictions

GRTgaz local restrictions

GRTgaz superpoint restrictions.
Possibility to have flexibility with Teréga (transfer)

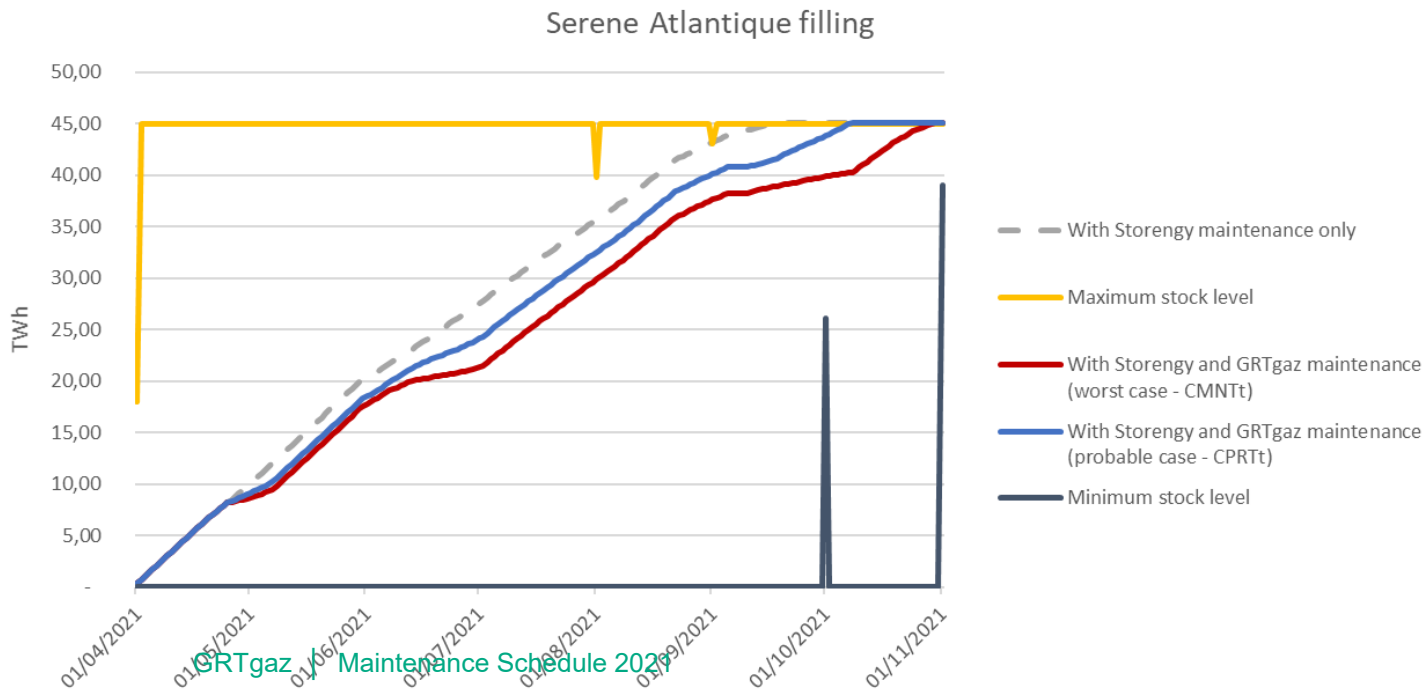
TR Prob / Probable restriction rate



The Atlantic storage can be filled with this maintenance schedule

Assuming PITS interruptible capacity is never available

	With Storengy maintenance only		With Storengy and GRTgaz maintenance (worst case - CMNTt)		With Storengy and GRTgaz maintenance (probable case - CPRTt)	
	100% date	Days of flexibility	100% date	Days of flexibility	100% date	Days of flexibility
Serene Atlantique	18/09/2021	43	31/10/2021	0	09/10/2021	22
Serene Nord	12/09/2021	49	12/09/2021	49	12/09/2021	49
Sediane Nord	12/09/2021	49	12/09/2021	49	12/09/2021	49
Saline	18/10/2021	13	21/10/2021	10	21/10/2021	10



- Sources of flexibility:
- + Level of initial stock
 - + Availability of interruptible capacity
 - + LNG level (in CTE / D-1)
 - + Transfer from Teréga

Quizz n°1!

+ Which 3 superpoints can you find in GRTgaz maintenance schedule in 2021 ?

1) SPNS1U

2) SPEO2D

3) SPN2U

4) SPNS3D

5) SPS1D

6) SSPEO2D

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- Focus on the Northern points DK, DKLNG, Virtualys, Obergailbach (concerned by the NS1U and N2U superpoints)

+ How to visualize your restrictions

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+ Summary

Focus on T@: SSP EO2D



1. How to visualize the restrictions on Atlantic?

SPEO2D
= **SSPEO2D** (*Atlantique*)
+ SSP Teréga



2. How to visualize the UIOLI on SSPEO2D (= mutualized UIOLI between GRTgaz and Teréga)

3. Don't forget to transfer operational capacity between GRTgaz and Teréga

+ 1. How to visualize the restrictions on Atlantic on T@:

What is my operational capacity on the 19th september ?

This day, I have :

1. A 39% probable restriction rate on Atlantic
2. A 49% probable restriction rate on EO2D sub-superpoint

Consolidated maintenance schedule

👁 Maintenance Schedule search criteria

* Start date : 19/09/2021

Contractual point type :

* End date : 19/09/2021

Contractual point :

Publication notice :

Contractual point name :

PCR/Sens restraints

Direction :

Reset

Search

☰ Results

GD	PCR	Direction	Restriction rate (%)			Restriction data (GWh 25°C)										
			TRf	Probable TRf	Max TRf	TRi	CTE	CTM	CMNTi	CMXTi	CMNTt	CPRTt	ΣCOSf	ΣCOSi	CTNF	
19/09/2021	SSPEO2D	DEL		49.01	78.33							73	173	339		339
19/09/2021	PS000CA	DEL		39.55	63.14							125	205	339	31	339



Don't forget to see Storengy restrictions on Operations!

+ 1. How to visualize the restrictions on Atlantic on T@:

It means that I have :

Home > Operations > Consult your Operational Capacities > Operational Capacities Statement

Search for Operational Capacities

The required search criteria are :
- Either a single gas day (high search box)
- Either a contractual point, a direction and a period (low search box)

Gas Day

Contractual Point Type*
Contractual Point*
Direction*

Start date*
End date*

Operational Capacity Statement Unit: kWh 25°C

Contractual Point	Direction	Gas Day	COSf	Probable TRf	Max TRf	COEf probable	COEf min
SSPEO2D	DEL	19/09/2021	5,000	49.01 %	78.33 %	2,550	1,084
PS000CA	DEL	19/09/2021	5,000	39.55 %	63.14 %	3,023	1,843

A probable Operational Capacity on SSPEO2D of $5\,000 * (1-49\%) = 2\,550$

A probable Operational Capacity on PS000CA of $5\,000 * (1-39\%) = 3\,023$

My operational capacity on Atlantic is then 2 550

Focus on T@: SSP EO2D

1. How to visualize the restrictions on Atlantique?

SPEO2D
= **SSPEO2D** (*Atlantique*)
+ SSP Teréga



2. How to visualize the UIOLI on SSPEO2D (= mutualized UIOLI between GRTgaz and Teréga)

3. Don't forget to transfer operational capacity between GRTgaz and Teréga

+ 2. How to visualize the UIOLI on SSPEO2D

The UIOLI is mutualized between GRTgaz and Teréga, and given to the demand pro-rata on Atlantic, Pirineos and Lussagnet.

- If your rights on Storengy side are higher than on GRTgaz side, you can benefit from UIOLI to increase your GRTgaz rights up to your Storengy ones.
- If your rights on Storengy side are lower than on GRTgaz side, you cannot benefit from UIOLI.

Operations | Metering & Allocations | Invoices | Find ↓

- Consult the Maintenance Schedule
- Consult your Operational Capacities
- Manage your Transmission Requests
- Consult your Scheduling
- Manage your Declarations

Consult your operational capacities

Consult the available UIOLI

Available UIOLI on the cycle 03h-05h

GRTgaz code ▼
kWh 25°C

SSPEO2D - Active

Connection Point	Direction	Available SP UIOLI	Total request SP	Available PCR UIOLI	Total request PCR	UIOLI status	Capacity sales status
PS000CA	Exit	7,306,115	14,291	11,575,708	14,291	Open	Not marketed by GRTgaz
PS000CA	Entry	Bonus	N/A	-	-	Not eligible	Not marketed by GRTgaz



<http://www.grtgaz.com/en/acces-direct/customer/supplier-trader/trans64ctions-documentation-shipper.html>

Focus on T@: SSP EO2D

1. How to visualize the restrictions on Atlantique?

SPEO2D
= **SSPEO2D** (*Atlantique*)
+ SSP Teréga



2. How to visualize the UIOLI on SSPEO2D (= mutualized UIOLI between GRTgaz and Teréga)



3. Don't forget to transfer operational capacity between GRTgaz and Teréga

+ Transfers

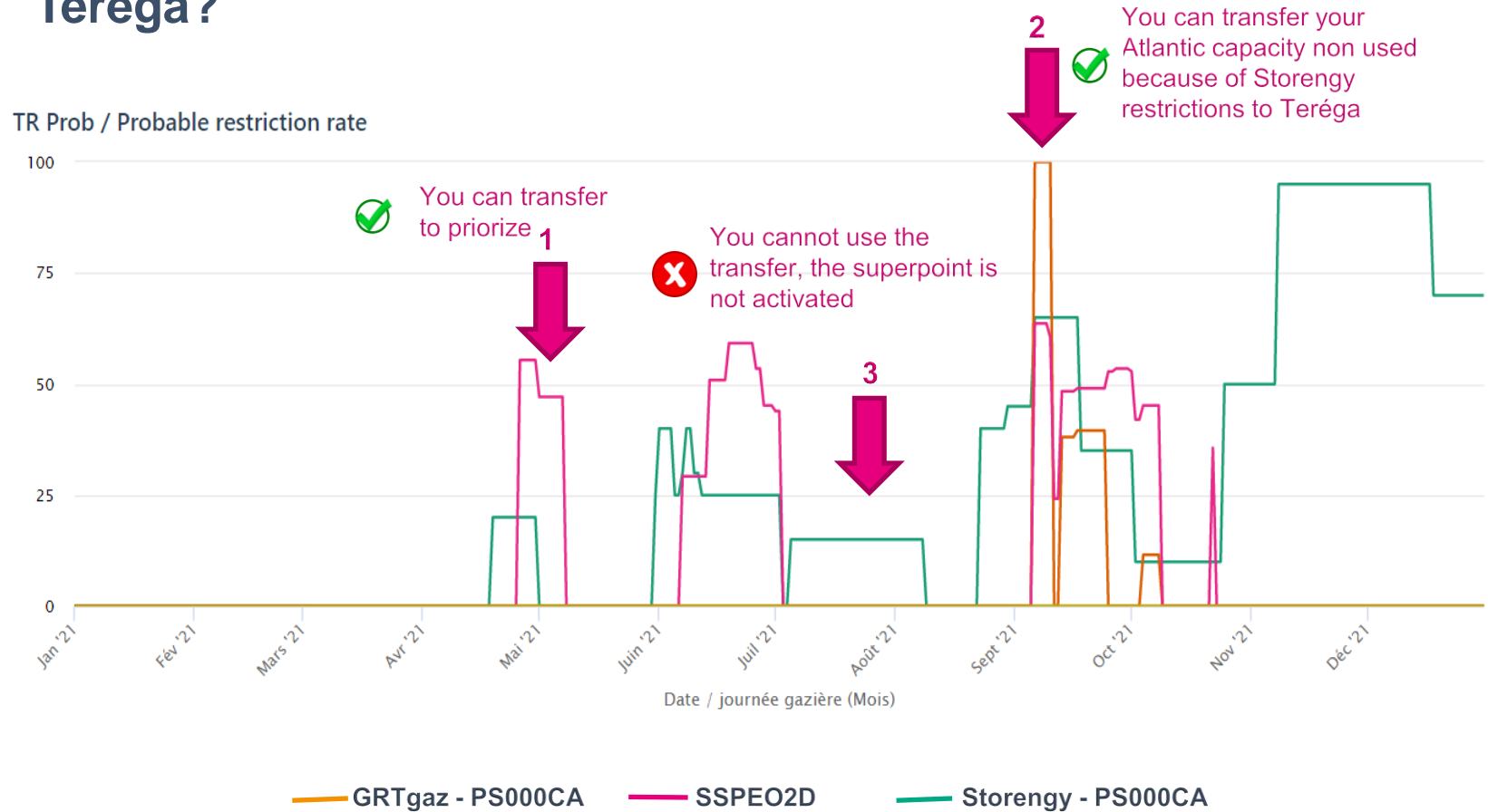
- You can transfer the whole or a part of your operational capacity between GRTgaz and Teréga
- You are then able to prioritize the fulfillment of Atlantic or Lussagnet (or the Spain exit) in view of the daily context
- Could be useful in case of high restriction of one of the storages (higher than the superpoint).
- You can see your maximum transfer capacity on your operational capacity notice



Don't hesitate to ask your operational contact for more details

Quizz n°2!

⊕ When is it interesting to transfer capacity from GRTgaz to Teréga?





ODRE



Useful tools

All the useful tools about works are on GRTgaz website:
<http://www.grtgaz.com/en/acces-direct/customer/supplier-trader/works>



The program (for information purposes)

Publication of the maintenance works program

The reference works program drawn up in March of year n represents a commitment by GRTgaz to its customers.

The program may still be amended up to two months before the date of the works and the reduction level may change up until D-5 before the date of the considered works.

Each shipper has day-by-day access to the corresponding reductions via his [TRANS@ctions portal](mailto:TRANS@ctions). The maintenance schedule is also on [Smart GRTgaz](#). This information is updated on a daily basis.

→ [Works and their impact on the operational capacity \[new\]](#)

The french gas operators (transport, storage and terminals) publish a joint maintenance program. You can find the provisional schedule of GRTgaz and the others on [the ODRé platform](#).

Last update: 22 October 2020

GRTgaz vous propose plusieurs fichiers d'aide à l'utilisation du programme travaux :

- > With a view to the storage auctions : 2 excel files produced in collaboration between GRTgaz and Storengy, to visualize simply the impact of restrictions of both operators their impact on the storage filling ([« Storage filling »](#)).

→ [To follow the webinar in English and ask your questions please click here on March 4th at 11:15 a.m. \(Paris time\).](#)

Summary

- A good availability of capacities
- The storages should not be empty on the 1st of April

No identified tension to fill the storages

3 superpoints activated on GRTgaz network

- **SPN2U**, restricting DK LNG, Dunkerque and Virtualys entries
- **SPNS1U**, restricting Virtualys, Obergailbach and Oltingue entries
- **SSPEO2D**, restricting Atlantique PITS. Think about nominating on **TREO2 DEL** to have flexibility between GRTgaz and Teréga!



**Thank you for your
attention!**

