

Find out more about...

Guaranteed COA

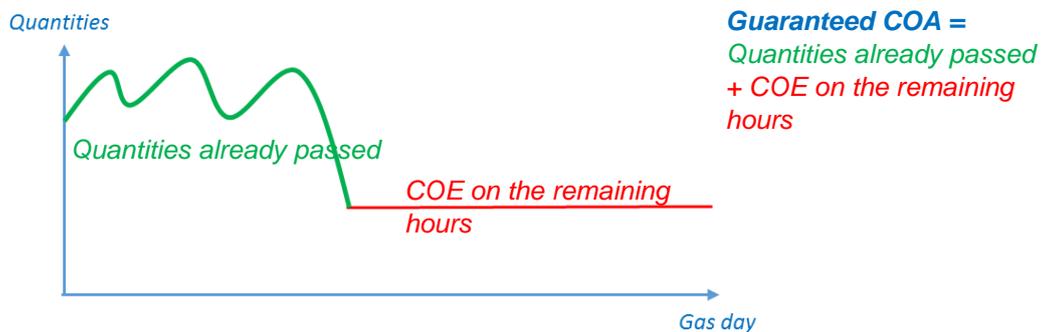
Guaranteed COA allows you to view your rights within-day, taking into account the quantities already passed.

It is particularly useful in the event of a within-day restriction, for example in the event of mutualised restriction or force majeure.

Guaranteed COA, to better understand your rights within a day

In the event of a within-day restriction, the usual overall indicators (TRf: restriction rate for firm capacities and COE: Effective Operational Capacity) do not allow you to view your rights for the day because they do not take into account the quantities already passed.

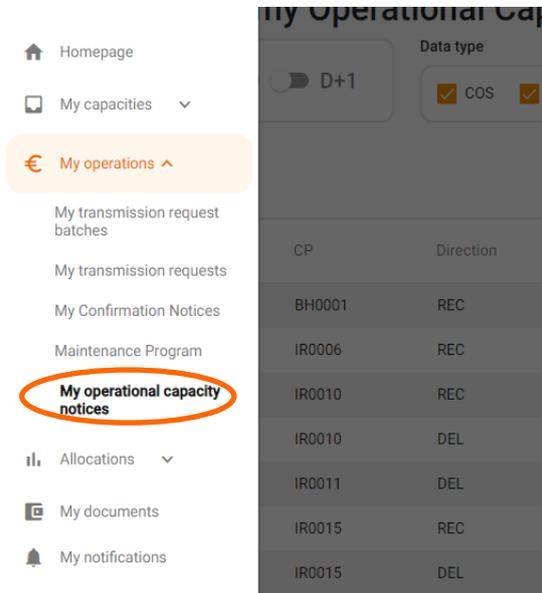
GRTgaz has therefore set up the Guaranteed COA (COA: Allocated Operational Capacity), which allows you to view your rights for the day based on the quantities already passed.



Guaranteed COA is useful for you particularly during a within-day restriction, on a point or on a superpoint: force majeure, mutualised restriction (the last resort mechanism to manage the limits of the network). But it is also useful in all cases within the day, whenever you have not been scheduled to your full rights at the start of the day.

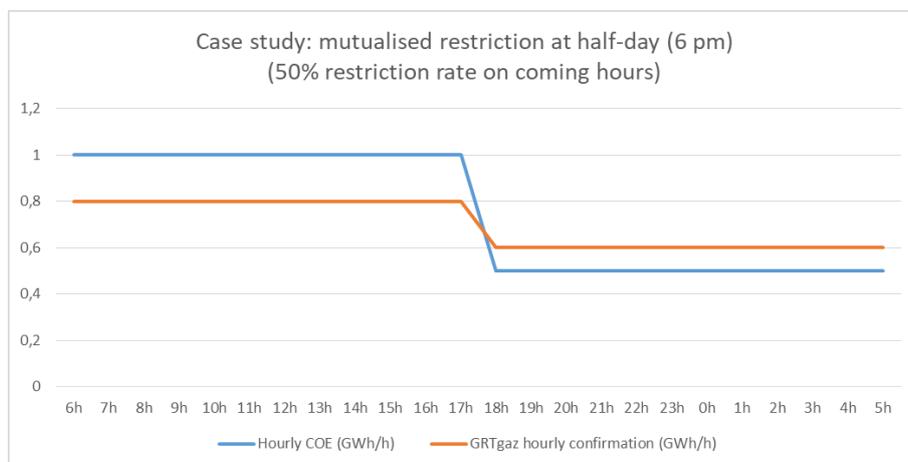
In concrete terms: How to view your rights on Ingrid with Guaranteed COA

On Ingrid on a within-day, you can view your Guaranteed COA by going to the Operations tab > Consult your Operational Capacity Summary (SCO), or by downloading your Operational Capacity Notice (ACO).



Let's consider a practical case: the application of a mutualised restriction on the NS2 upstream superpoint, in the entry direction, halfway through the day (6 p.m.). Over the first half of the day, the TRf (Restriction rate for firm capacities) was 0%. Over the second half, it is 50%. An average TRf of 25% is displayed on Ingrid.

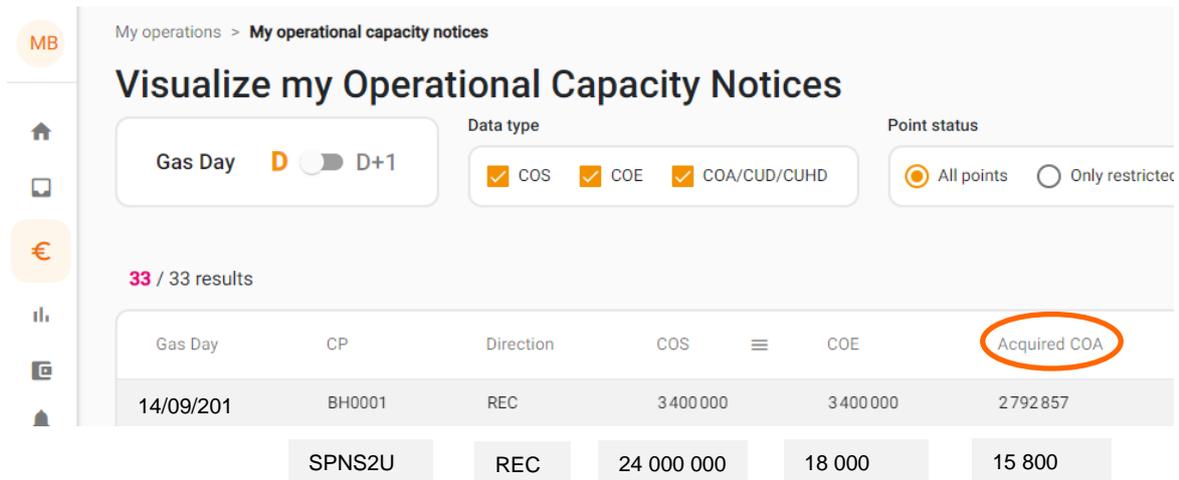
You've subscribed 24 GWh/d of capacity on the superpoint entry points. Your GRTgaz hourly rights and hourly confirmations profile (before matching) with respect to the NS2 upstream superpoint is as follows:



Note: GRTgaz confirmation refers to the sum of the confirmations on each point belonging to NS2 upstream superpoint.

At the start of the day, you haven't used all of your subscribed capacity and are confirmed for 0.8 GWh/h, or $0.8 \times 24 = 19.2$ GWh/d. Then a mutualised restriction is implemented; your rights (hourly COE) over the remaining hours are $1 \times 50\% = 0.5$ GWh/h. But thanks to UIOLI, or to your bonus nominations within the superpoint, your hourly confirmation is higher: 0.6 GWh/h.

You'd like to view your rights on the NS2 upstream superpoint (SPNS2U) during the day, at 8 p.m. You consult the Summary of your Operational Capabilities on ingrid:



Gas Day	CP	Direction	COS	COE	Acquired COA
14/09/201	BH0001	REC	3400000	3400000	2792857

SPNS2U	REC	24 000 000	18 000	15 800
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- Your COE corresponds to your subscribed entry capacity (COS) x (1 - TRf) - $24 \times (1 - 25\%) = 18$ GWh/d. This COE corresponds to your firm rights over the day in the event that you have been confirmed exactly in line with your firm rights at the beginning of the day. This COE does not allow you to view your within-day rights.
- On the other hand, your Guaranteed COA corresponds to your firm rights at the given moment in the gas day, according to the quantities you have actually already passed on the GRTgaz side. It corresponds to the sum of:
 - o The sum, at all points of the superpoint, of your hourly confirmations on the GRTgaz side (before matching) for the hours elapsed; here, $0.8 \times 12 + 0.6 \times 2 = 10.8$ GWh.
 - o and your hourly COE at the superpoint, multiplied by the number of hours remaining in the day; here, $0.5 \times 10 = 5$ GWh.
 for a total of 15.8 GWh/d.

Guaranteed COA is updated in the ACO and SCO for each confirmation cycle, and is available as soon as the GRTgaz optimisation calculation has finished, i.e. approximately 20 minutes after the start of the cycle.

Guaranteed COA applies to both a point and a superpoint. To find out more about how superpoints work, you can consult the "[Find out more about superpoints](#)" sheet in the [transmission toolbox](#).