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# Argus Brazil Gas and Power

Flávia Pierry  
ABRACEEL  
18 Jan 2023



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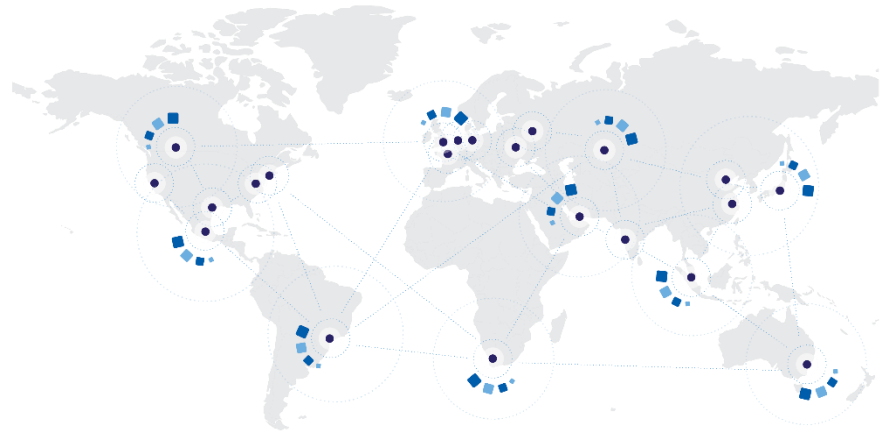
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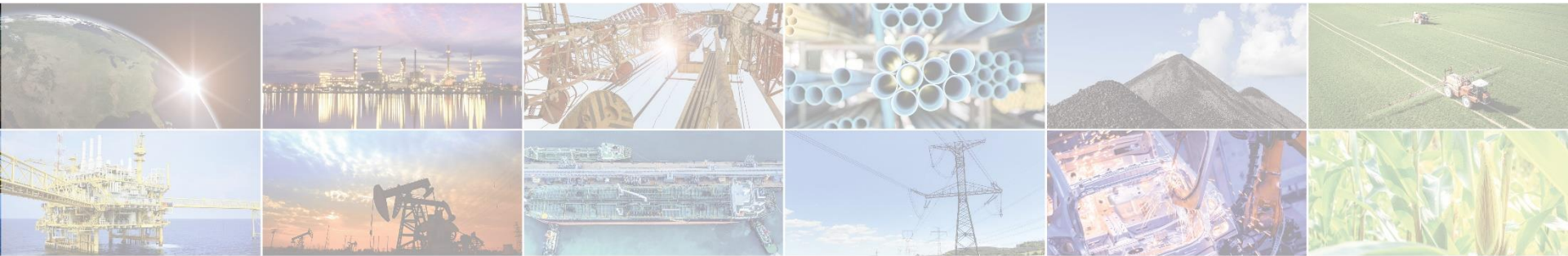


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# Argus Brazil Gas and Power



illuminating the markets

Market Reporting

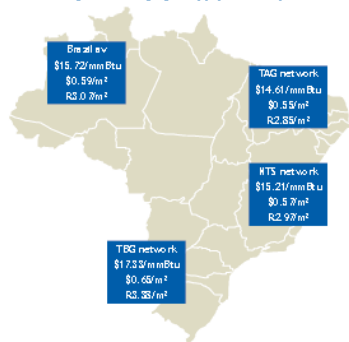
Consulting

Events

## OVERVIEW

- The gas market has made progress, industry participants say, but a lack of competition, restrained demand and high prices are problems.
- The marginal cost of power generation fell again this week, to R45.35/MWh from R50.08/MWh, even as the dry season continues.
- Policymakers and the power sector need to work together to help the gas market gain traction and liquidity, industry participants say.
- Antitrust agency CADE recommended a restricted approval of Compass' purchase of Petrobras' share of natural gas distribution subsidiary Gaspetro.

### National/regional average gas supply contract prices



### Contents

Natural gas analysis	2
Equivalent gas prices	2
Power spreads	3
Market commentary	3
Power overview	4
Natural gas midstream	5
Natural gas fundamentals	6
News	7

## PRICE SUMMARY

Natural gas	24 Jun	17 Jun	\$/mmBtu
LNG des Brazil	35.32	32.34	-8.1%
Brazil avg gas network	15.716	15.834	+0.1%
TAG gas network	14.610	14.247	-0.2%
HTS gas network	15.206	15.379	-0.1%
TEG gas network	17.330	17.456	-0.1%
Henry Hub dry ethane	5.830	7.360	-1.5%

LPG	24 Jun	17 Jun	\$/t
Propene-butane 70:30 Santos	701.54	728.70	-2.8%

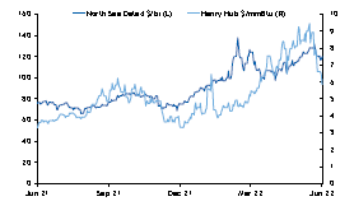
  

Crude	24 Jun	17 Jun	\$/bbl
North Sea Dated	119.820	120.540	-0.7%

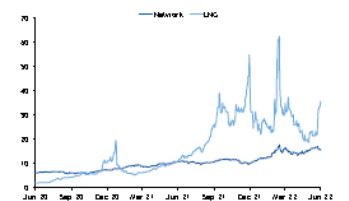
  

Exchange rate	24 Jun	17 Jun	\$/
R/\$	5.2254	5.1010	0.102

### Henry Hub vs Brent



### LNG des Brazil vs Brazil av gas contract price



# Argus Brazil Gas and Power

- All market segments needs
- The first publication about natural gas and power made in Brazil for Brazilian and foreign audience
- One-stop-shop
- Updates on regulation, in federal and state levels, tenders, new infrastructure and more
- Daily prices and weekly commentary and analysis

# Our daily calculated prices

- **Argus Brazil Gas Network prices** – TAG, NTS, TBG and average – (R/m<sup>3</sup>, \$/m<sup>3</sup> and \$/mmBtu)
- **Power Spreads** – Spot/ long term; LNG, Network Gas, Fuel oil – (R/MWh and \$/MWh)
- **Equivalent prices** - Differences, in USD/m<sup>3</sup> to the LNG DES Brazil price from Gas network/ Henry Hub/ S500 Diesel/ PetCoke Brazil/ Fuel Oil/ LPG Brazil (\$/t)
- **LPG prices** – Suape and Santos (in six different formulas) – (\$/t)

# Analysis

Argus Brazil Gas and Power

Issue 23-3 | Monday 16 January 2023

## NATURAL GAS MARKET ANALYSIS

### Bolivian gas supply will be key for Brazil in 2023

Bolivian natural gas will continue to make a difference in the Brazilian market in 2023 and even gain momentum under the new federal administration, as regional gas production remains constrained by a lack of infrastructure.

Bolivia exported 18mm m<sup>3</sup>/d to Brazil in 2022 – when Brazil's thermal power generation was low – according to data from Bolivian pipeline company Gas Transboliviano (GTB). That is close to 70pc of Brazil's total gas imports and around 26pc of total Brazilian demand.

Bolivia supplied 20mm m<sup>3</sup>/d of gas to Brazil in 2021 and was close to repeating that figure in 2022, even though Bolivian state-company YPFB shaved volumes sent to Brazil last year to meet Argentinian demand for gas during the winter. The country averaged 15mm m<sup>3</sup>/d of gas exports to Brazil from April-September, and reached a low of 12.7mm m<sup>3</sup>/d in September.

YPFB sees Brazil as a strategic partner and is willing to diversify its clientele, something it will pursue in 2023. The Bolivian company wants to shift volumes imported to Brazil by state-controlled Petrobras to new gas shippers, such as trading companies Tradener and Gas Bridge, which could pay higher prices, closer to international levels.

Gas supply agreements between Brazilian distributors and those traders to import Bolivian gas allowed YPFB to increase prices above its agreement with Petrobras. The companies do not disclose details about the deals, but sources say that the Petrobras-YPFB contract is priced at around 8-9pc of the Brent crude index. Petrobras' signed or amended contracts in 2022 with local gas distributors that were priced at 16.75pc of the Brent index.

Tradener's contract with Santa Catarina's state distributor SCGas is priced at 12.81pc of the Brent index, with a 30pc discount or a 20pc premium. Gas Bridge's contract with SCGas establishes a 13.5pc of the Brent price, plus Bolivian pipeline costs.

Bolivia wants to sign more deals of this kind with final gas consumers in Brazil, especially after 2024. The company said in early January that it aims to "diversify clients in Brazil," focusing commercial efforts to meet its commitment

with Petrobras for the next two years and to seek other long-term clients in the liberalized market, where YPFB can supply gas directly to the final consumers on either firm or interruptible contracts – with spot segment the variable demand from Petro company Enarsa.

### Lula to foster hermanos

President Luiz Inacio Lula da Silva's development may favor YPFB plans to access directly.

Lula met with Argentinian and Bolivian Fernandez and Luis Arce on 1 January, and discussed energy interactions betw among other topics. Brazil's public ban financing the construction of a 583km Argentina's Nestor Kirchner pipeline, t matches Lula's past policies of help neighbors that is expected to continue.

Lula's team also asked Petrobras to tion projects underway, which will be date. Petrobras still controls pipeline c was on track to be sold as part of Petr antitrust agency Cade, bringing gas zilian southeast. Gas consumers fear t resume the sale, allowing Petrobras t with Bolivia and possibly with Argentin By Fidvia Pierry

### Delivered LPG Brazil, 13 Jan

Propane Santos
Propane-butane 90:10 Santos
Propane-butane 70:30 Santos
Propane-butane 50:50 Santos
Propane Saspe
Propane-butane 90:10 Saspe
Propane-butane 70:30 Saspe
Propane-butane 50:50 Saspe
Includes AFRM of 8%

Argus Brazil Gas and Power

Issue 23-3

## POWER MARKET COMMENTARY

### Above average rain drives Brazil hydropower

River flows that feed hydroelectric generation across Brazil are expected to remain above the long-term average in all regions except the south this week, according to grid operator ONS.

Flows are down to 136pc of the long-term average, from 138pc a week ago, in the southeastern/mid-center region – where more than 70pc of Brazil's hydropower generation takes place. River flows in the southern region should reach 68pc of the long-term average, up from 67pc. Flows in the northeastern and northern regions should reach 100pc and 164pc, respectively, from 110pc and 159pc.

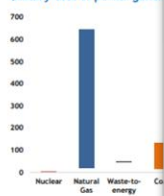
ONS warned the national water and sanitation agency and other organizations that the Sao Francisco and Rio Grande river basins are near their water capacity threshold because of the increase in rainfall. The Sao Francisco river is one of the most important water sources in South America, flowing from Brazil's northeastern region to the southeast.

For the end of January, ONS expects river flows to be above or close to the long-term average in most regions. The southeastern/mid-center region will be at 122pc of the long-term average and the southern region will be at 84pc. The northeast will be at 94pc, while the north will be at 141pc.

Water storage levels feeding hydropower generators in the southeastern/mid-center region were measured on 13 January at 62.6pc of the maximum storage capacity, from 55.8pc a week earlier. Levels were at 84.3pc in the southern region, up from 85.1pc, and at 74.2pc in the northeast, from 70.1pc. In the northern region, water storage levels were at 78.7pc, from the previous 67.7pc.

ONS estimates that water storage levels in hydropower generators will increase in the southeast/mid-center region by the end of the month. Water levels in the southeastern/mid-center region should reach 67pc of capacity. Levels

### Unitary cost of power gener



should drop to 83.1pc in the s northeast and 70.1pc in the n

The power generation cos R0.00/MWh, the same as a w above the long-term average. (PLD) remained at its R69.04/bottom, according to Brazil's centralization (CCEE).

Authorized dispatch of the an average of 3,904MW, from Expected power demand for 70,658MW, a 2.2pc decrease f from last week's 71,630MW.

### Spot power price, 13 Jan

Southeast/ Mid center				
Min	13.499			
Max	13.499			
Avg	13.499	13.499	13.499	13.499
				- CCEE

Argus Brazil Gas and Power

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## POWER INDUSTRY OVERVIEW

### Brazil's thermal expansion relies on flexibility

Brazil's thermal power expansion will hinge on the gas sector's ability to create more flexibility, such as with expanded storage.

Brazil's PDE 2032, a 10-year plan for the energy sector, states the country's thermal power generation demand for natural gas will increase to 49mm m<sup>3</sup>/d by 2032, from 40mm m<sup>3</sup>/d in 2022. The need for additional thermal capacity will reach 25GW in 2032, partly because of the 13GW of thermal plants with contracts that are expected to end in the next decade.

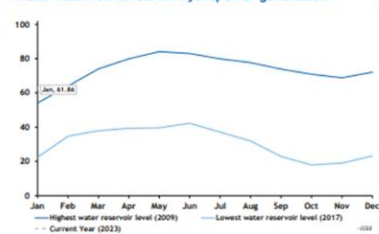
Additionally, the country will expand its intermittent renewable sources. Therefore, new thermal plants, mainly with high flexibility, will need to be contracted to meet the power requirements identified in PDE 2032, according to the University of Sao Paulo's electricity market group of advanced electric grids laboratory (LGrid).

Initiatives such as the Proescoar bill (PL 3052), which proposes lighter tariffs to gas transportation for storage, could strengthen natural gas plants' ability to provide flexibility to the system, generating power at a moment's notice. The project also proposes prohibiting the use of coal and green petroleum coke for power generation starting 10 years after its approval. These fuels would need to be substituted by natural gas or another fuel that lowers carbon emissions.

PDE 2032 also requires that 25pc of thermal power demand in 2032 will come from the thermal plants mandated by the Eletrobras privatization law, approved in June 2022. It mandates the construction of 2.5GW thermal plants in the northern region, 1GW in the northeast, 2.5MW in the mid-center region and 2GW in the southeast.

The law's goal is to create an anchor to drive gas supply and demand away from Brazil's coast. The measure was highly criticized by the power sector, which called it expen-

### Water reservoir levels for hydropower generation



sive and said it favored some gas transportation businesses over others. Newly inaugurated President Luiz Inacio Lula da Silva's power team said it planned to review the obligation for building these plants.

The concentration of demand suggested by Eletrobras' privatization law is not a reason for concern as it stands in the PDE 2032 analysis, according to LGrid. The plan centralizes natural gas demand for thermal plants in the southeast, close to where power load is higher in the country. But the scenario for the other plants not yet considered in the plan, further from power demand, might require more transmission lines.

The expansion of renewable sources in Brazil's northeast signaled the need for more transmission capacity in the PDE 2031, said LGrid. Plans for expanding the power sector will face significant challenges in the next decade, including demand growth regularly lagging below projections and distributed generation continuing to expand, the group said.

By Rebecca Gompertz

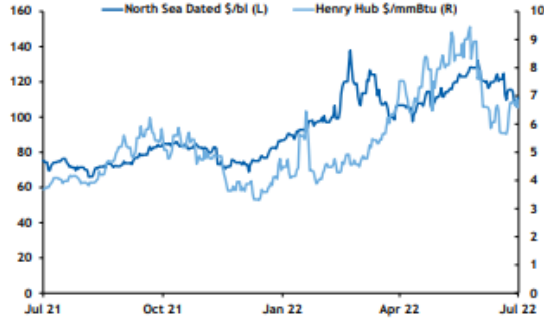
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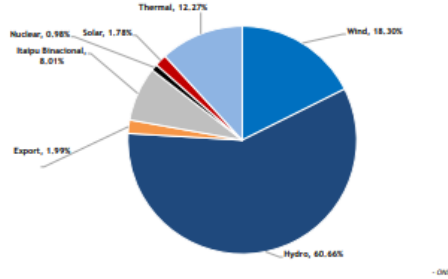


# Our weekly fundamental data

Henry Hub vs Brent

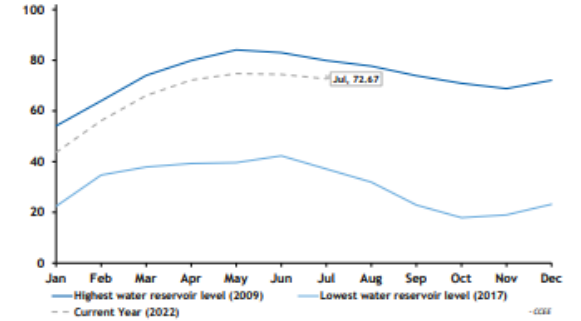


Power load per source

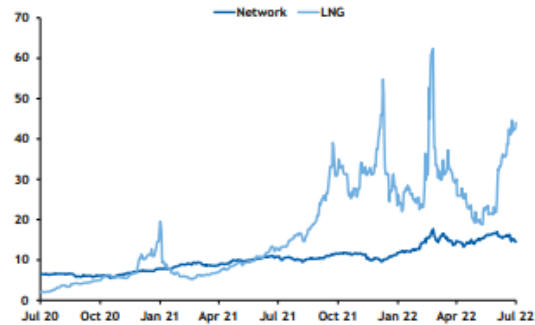


MW avg

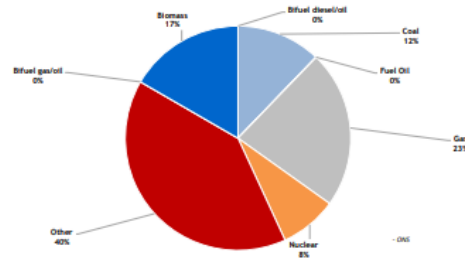
Water reservoir levels for hydropower generation %



LNG des Brazil vs Brazil av gas contract price \$/mmBtu

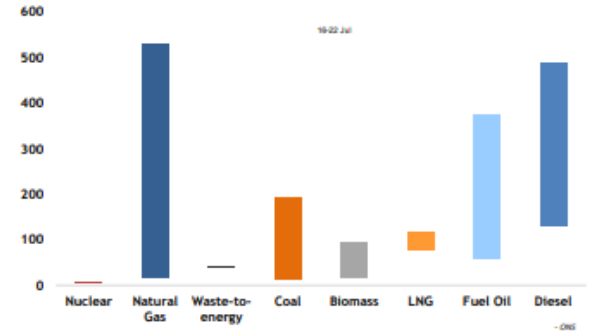


Thermal generation per type of fuel



MW avg

Unitary cost of power generation per source \$/MWh

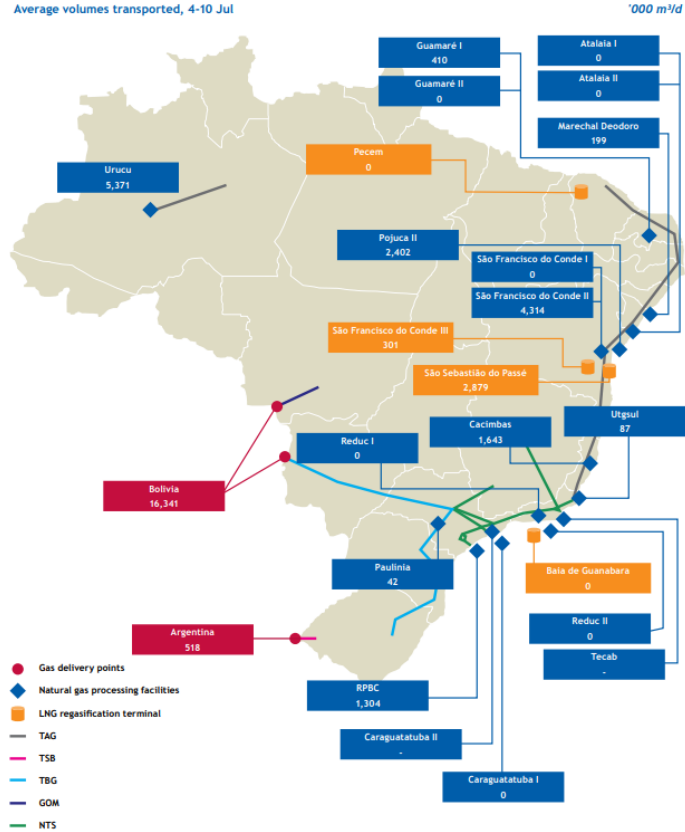




# Our weekly fundamental data

## BRAZIL NATURAL GAS MIDSTREAM

Average volumes transported, 4-10 Jul



'000 m<sup>3</sup>/d

## BRAZIL NATURAL GAS MIDSTREAM

### Natural gas pipeline weighted average calculated transportation tariffs

TAG	Exit point									R/mmbtu
	Alagoas	Bahia	Ceará	Espírito Santo	Paraíba	Pernambuco	Rio de Janeiro	Rio Grande do Norte	Sergipe	
Atalaia I	na	na	na	na	na	na	na	na	na	na
Atalaia II	na	na	na	na	na	na	na	na	na	na
Cacimbas	11.0953	10.9773	11.4650	11.0492	11.2334	11.1833	11.0924	11.3661	11.0357	
LNG Pecém	11.2937	11.1757	11.6634	11.2476	11.4318	11.3817	11.2908	11.5645	11.2341	
Guamaré I	11.1532	11.0353	11.5230	11.1072	11.2914	11.2412	11.1504	11.4241	11.0937	
Guamaré II	na	na	na	na	na	na	na	na	na	
Marechal Deodoro	10.9885	10.8706	11.3583	10.9425	11.1267	11.0765	10.9857	11.2594	10.9290	
Pojuca II	10.9461	10.8282	11.3159	10.9001	11.0843	11.0341	10.9433	11.2170	10.8866	
TECAB	11.1923	11.0744	11.5621	11.1463	11.3305	11.2804	11.1895	11.4632	11.1328	
Connection TECAB	6.6162	6.4982	6.9859	6.5701	6.7544	6.7042	6.6133	6.8870	6.5567	
LNG São Francisco do Conde - III	10.9706	10.8526	11.3403	10.9245	11.1087	11.0586	10.9677	11.2414	10.9110	
São Francisco do Conde I	na	na	na	na	na	na	na	na	na	
São Francisco do Conde II	10.9717	10.8538	11.3415	10.9257	11.1099	11.0598	10.9689	11.2426	10.9122	
LNG São Sebastião do Passé (TRBA)	10.9496	10.8317	11.3194	10.9036	11.0878	11.0377	10.9468	11.2205	10.8901	
UTGSUL	11.1414	11.0234	11.5111	11.0953	11.2796	11.2294	11.1385	11.4123	11.0819	

All tariffs have been updated considering the inflation rate in January 2022. Tariffs include surcharges and linepack (except penalties), as fully approved by regulator ANP.

— ANP and TAG, TBG and NTS

TBG	Exit point								R/mmbtu	
	Gascar	Mato Grosso do Sul	Paraná	Rio Grande do Sul	Santa Catarina 1	Santa Catarina 2	São Paulo 1	São Paulo 2		São Paulo 3
Corumbá	6.0224	5.8259	6.2530	6.5889	6.3925	6.3925	5.9547	6.0342	6.0341	6.0680
Gascar	4.9354	4.7389	5.1660	5.5019	5.3055	5.3055	4.8677	4.9472	4.9471	4.9810
Garua	5.2210	5.0245	5.4516	5.7875	5.5911	5.5911	5.1533	5.2328	5.2327	5.2666

All tariffs already updated with inflation rates in January 2022. Tariffs include surcharges and linepack and still await final approval by regulator ANP.

— ANP and TAG, TBG and NTS

NTS	Exit point					R/mmbtu
	Minas Gerais	Replan Interconnection	Connection TECAB	Rio de Janeiro	São Paulo	
Caraguatatuba	9.4000	6.7630	6.7364	8.9267	9.0774	
Paulínia	9.2254	6.5884	6.5618	8.7521	8.9028	
LNG Baía de Guanabara	9.0432	6.4061	6.3796	8.5698	8.7205	
Guapimirim	9.1293	6.4922	6.4657	8.6559	8.8066	
Guararema Interconnection	4.5153	1.8782	1.8517	4.0419	4.1926	
Replan Interconnection	4.5188	1.8817	1.8532	4.0454	4.1961	
TECAB	9.5948	6.9577	6.9311	9.1214	9.2721	
TECAB Interconnection	4.5188	1.8817	1.8532	4.0454	4.1961	

All tariffs already updated with inflation rates in January 2022. Tariffs include surcharges and linepack and still await final approval by regulator ANP.

— ANP and TAG, TBG and NTS

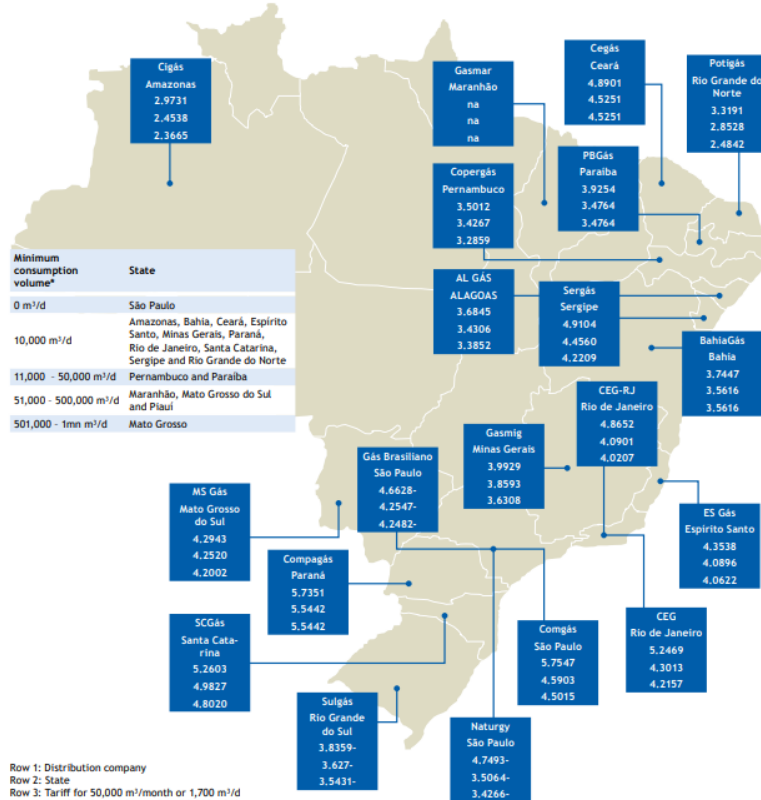
— ANP

# Our weekly fundamental data

## BRAZIL NATURAL GAS MIDSTREAM

### Natural gas tariffs for retail industrial consumers

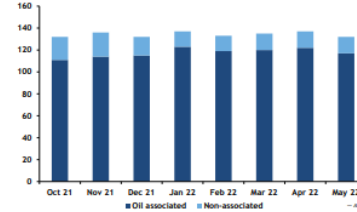
R/m<sup>3</sup>



## NATURAL GAS FUNDAMENTALS

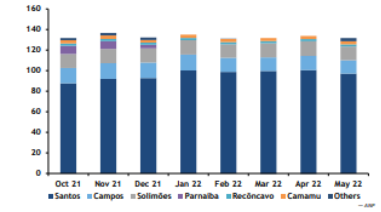
### Natural gas production

mn m<sup>3</sup>/d



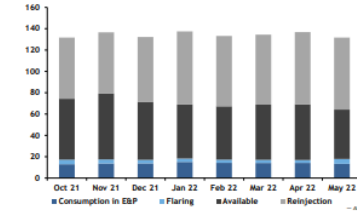
### Natural gas production per basin

mn m<sup>3</sup>/d



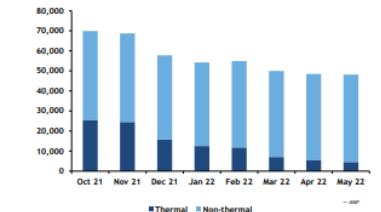
### Natural gas availability

mn m<sup>3</sup>/d

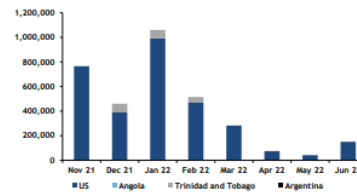


### Natural gas consumption in power generation

mn m<sup>3</sup>/d

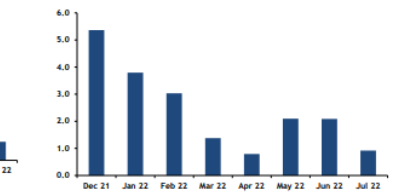


### LNG imports



### LNG volume regasified locally

mn m<sup>3</sup>/d



Row 1: Distribution company  
 Row 2: State  
 Row 3: Tariff for 50,000 m<sup>3</sup>/month or 1,700 m<sup>3</sup>/d  
 Row 4: Tariff for 2mm m<sup>3</sup>/month or 70,000 m<sup>3</sup>/d  
 Row 5: Tariff for 10mm m<sup>3</sup>/month or 340,000 m<sup>3</sup>/d

Data subject to revision due to uncredited oil and gas companies. Data subject to revision due to uncredited offshore companies.



# Argus Brazil Natural Gas Bulletin Board



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23 Aug 22	OFFER	Egas offers 2 cargo(es) fob loading 01-08 Sep 2022 submissions due 25 Aug 2022 [From Damietta on 1-2 September and 7-8 September]
23 Aug 22	OFFER	Sakhalin Energy offers 2 cargo(es) fob Russia loading 24 Aug 2022 - 12 Sep 2022 submissions due 23 Aug 2022 valid until 24 Aug 2022 [For loading on 24 Aug and 12 Sep]
19 Aug 22	OFFER	Oman LNG offers 1 cargo(es) fob Oman loading 04-05 Sep 2022 submissions due 19 Aug 2022 [Loading from Qalhat; offered on both a fob and des basis]
19 Aug 22	OFFER	Angola LNG offers 1 cargo(es) des Angola delivery 25 Sep 2022 - 16 Oct 2022 submissions due 24 Aug 2022 [For delivery to NEA on 4-14 Oct; to Europe/Middle East on 25 Sep - 16 Oct]
19 Aug 22	OFFER	Gail offers 2 cargo(es) fob USA loading 01 May 2023 - 10 Jun 2023 submissions due 23 Aug 2022 [Loading from Sabine Pass on 1-10 May 2023 and 1-10 June 2023; part of swap tender]
19 Aug 22	BID	Gail seeks 2 cargo(es) des India delivery 24 Sep 2022 - 04 Oct 2022 submissions due 23 Aug 2022 [Delivery to Dahe] terminal, on 24/27/29 Sep and 1-4 Oct; part of swap tender]
15 Aug 22	OFFER	Adgas offers 1 cargo(es) fob loading 22-24 Sep 2022 submissions due 18 Aug 2022
11 Aug 22	BID	none seeks 6 cargo(es) des Greece delivery 01 Oct 2022 - 31 Dec 2022 submissions due 16 Aug 2022 valid until 18 Aug 2022 [from Bulgargaz; To Revithoussa; regas slots shall be confirmed by Sept 20]
11 Aug 22	OFFER	Gail offers 1 cargo(es) fob loading 06 Dec 2022 submissions due 12 Aug 2022 [Part of a swap tender; Loading at Sabine Pass terminal]
11 Aug 22	BID	Gail seeks 1 cargo(es) des India delivery 06-09 Sep 2022 submissions due 12 Aug 2022 [Part of a swap tender; for delivery on 6 or 9 Sept to Dahe] terminal ]
08 Aug 22	BID	Pakistan LNG seeks 72 cargo(es) des delivery 01 Jan 2023 - 31 Dec 2028 submissions due 13 Sep 2022 [One cargo per month over 6 years; Bids open 10Aug-13Sep]
08 Aug 22	BID	Jera seeks 0 cargo(es) des delivery 01 Nov 2022 - 31 Mar 2024 submissions due 11 Aug 2022 [Unspecified number of cargoes; One per month over Nov 2022 to Mar 2024; Sellers can offer more than one per month over Apr 2023 to Mar 2024; Bld closes 5pm Japan time]
05 Aug 22	OFFER	Angola LNG offers 1 cargo(es) des delivery 21 Aug 2022 - 23 Sep 2022 submissions due 10 Aug 2022 [For delivery to NEA over 5-11 Sept; to SEA over 31 Aug-15 Sept; to India/Pakistan/Bangladesh over 29 Aug-17 Sept; Loading on Lobito vessel]
05 Aug 22	BID	PTT seeks 3 cargo(es) des Thailand delivery 17 Aug 2022 - 06 Sep 2022 submissions due 08 Aug 2022 [Delivery to Map Ta Phut; Up to 3 cargoes for delivery over 17-18 August, 30-31 August and 5-6 September, Closes at 10am Bangkok time]
05 Aug 22	OFFER	CNOOC offers 1 cargo(es) fob Australia loading 07-09 Oct 2022 submissions due 10 Aug 2022 [Loading at North West Shelf LNG plant]
03 Aug 22	DEAL	Petrochina sells to Shell 1 cargo(es) at \$50.50/mmbtu des delivery 15-19 Oct 2022 submissions due 03 Aug 2022 valid until 03 Aug 2022 [Sold at a \$11.50/mn Btu discount to October TTF]
01 Aug 22	OFFER	Pertamina offers 1 cargo(es) fob Indonesia loading 17-18 Aug 2022 submissions due 03 Aug 2022 [Loading from Bontang LNG terminal]
01 Aug 22	OFFER	Gail offers 2 cargo(es) fob USA loading 01-20 Jul 2023 submissions due 03 Aug 2022 [[Unawarded]Part of a swap tender; for loading over 1-10 July and 11-20 July at Sabine Pass ]
01 Aug 22	BID	Gail seeks 2 cargo(es) des India delivery 06-30 Sep 2022 submissions due 03 Aug 2022 [[Unawarded] Part of a swap tender; for delivery on 6 or 9 Sep, and 27-30 Sep to Dahe]]
29 Jul 22	BID	Calamari LNG seeks 1 cargo(es) des Columbia delivery 11 Aug 2022 - 11 Sep 2022 submissions due 08 Aug 2022 [33,000m <sup>3</sup> In size; for delivery to SPEC LNG terminal]
29 Jul 22	OFFER	Angola LNG offers 1 cargo(es) des Angola delivery 23 Aug 2022 - 08 Sep 2022 submissions due 03 Aug 2022 [For delivery to Europe/Middle East over 23 Aug-8 Sept; to northeast Asia over 30 Aug-2 Sept]
28 Jul 22	DEAL	PTT buys from Unknown 4 cargo(es) at \$45.00-47.00/mnBtu range des delivery 07-26 Sep 2022 submissions due 01 Aug 2022 [[Awarded 3-4 cargoes]Delivery to Map Ta Phut; As many as 5 cargoes

Argus LNG Bulletin Board

- Argus Biofuels Bulletin Board
- Argus Crude Oil Bulletin Board
- Argus European Benzene Bulletin Board
- Argus European Gasoline Bulletin Board
- Argus European Gasoline non-oxy Bulletin Board
- Argus European High Sulphur Fuel Oil Bulletin Board
- Argus European Low Sulphur Fuel Oil Bulletin Board
- Argus European Middle Distillates Bulletin Board
- Argus European RMK Fuel Oil Bulletin Board
- Argus German Diesel Bulletin Board
- Argus German Heating Oil 50ppm Sulphur Bulletin Board
- Argus Heating Oil 0.1pc Sulphur Bulletin Board
- Argus LNG Bulletin Board**
- Argus LPG Bulletin Board
- Argus Latin America Tenders Board
- Argus RSO Bulletin Board
- Argus UCO Bulletin Board

- 17 markets worldwide
- Buyers and sellers post their trading intentions and deals done
- Independent deals done by market participants



# Argus Brazil Natural Gas Bulletin Board

## **What:**

Tool that allows market participants to publish bids, offers and deals of natural gas delivered in the pipeline grid.

## **Goal:**

To contribute to the spot market liquidity and enhance transparency at this market in Brazil.

## **Who can participate:**

All gas market participants authorized by the Brazilian oil and gas regulatory agency ANP.



## How it works

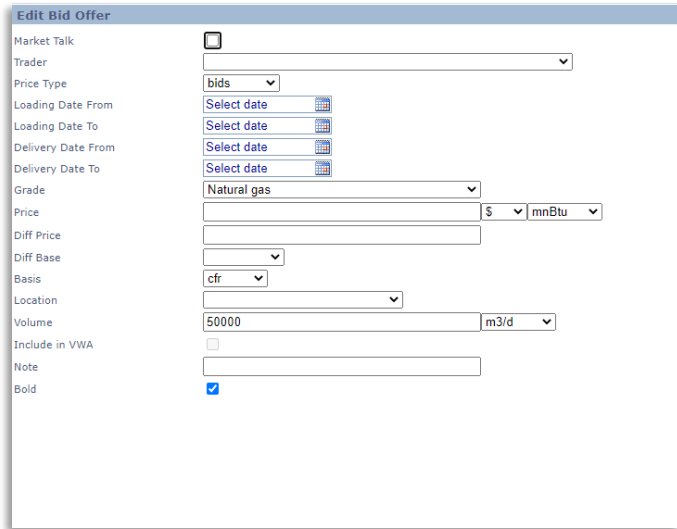
**Traders can inform Argus its bids and offers daily (except weekends and holidays) 10AM -5PM Brasília time:**

- Bid/Offer/Deal
- Name of the company
- Begin and end date for the deal
- Price (Reais/m<sup>3</sup>, USDolars/mnBtu or diff against benchmark)
- Delivery point (any place at TAG, NTS pr TBG pipeline grid)
- Volume (m<sup>3</sup>)
- Transport agreement (if hired, entry, exit or both)



# Internal operation

- Editor and reporter receive the information via WhatsApp, phone or e-mail, check the information and add to the system:



**Edit Bid Offer**

Market Talk

Trader

Price Type

Loading Date From

Loading Date To

Delivery Date From

Delivery Date To

Grade

Price  \$

Diff Price

Diff Base

Basis

Location

Volume

Include in VWA

Note

Bold

## Examples Bid

“Company bids 5,000m<sup>3</sup>/d of Natural Gas at R4.34m<sup>3</sup> at TAG TECAB Entry for delivery 30 days (01 Oct 2022 – 30 Oct 2022) [Exit Capacity Included]”

“Company bids 10,000m<sup>3</sup>/d of Natural Gas at \$12.00/mnBtu at TAG Guamare for delivery 90 days (01 Oct 2022 – 31 Dec 2022) [Exit Capacity NOT Included]”

“Company bids 50,000m<sup>3</sup>/d of Natural Gas at 13pc Brent at NTS Paulinia for delivery 10 days (01 Oct 2022 – 10 Oct 2022) [Exit Capacity Included]”

## Examples Offers

“Producer offers 10,000m<sup>3</sup>/d of Natural Gas at 115pc Henry Hub at TAG Guamare for delivery 90 days (01 Oct 2022 – 31 Dec 2022) [Entry Capacity Included]”

## Exemplo Deal

“Company buys from Producer 30,000m<sup>3</sup>/d of Natural Gas at \$0.70/m<sup>3</sup> for delivery 90 days (01 Oct 2022 – 31 Dec 2022) [Entry Capacity NOT Included]”









# Troubleshooting







- **The information on the name of the company posting the bid/offer is essential, since Argus does not intermediate businesses.**
- Deals can be posted anonymously
- Argus must check anonymous deals with the counterpart.
- Argus does not participate in trades, does not charge brokerage or clearing fees.


# Test period

- ***From October to December 2022***
- 15 companies selected for the trial.
- 6 companies consulted daily.
- Next steps: Launch the tool open for all gas market participants in 1Q2023 (possibly a previous marketing step, with a free newsletter)

# ABGP Bulletin Board

Argus direct Welcome, Flavia Pierry 99+   English  

Home Markets Workspaces Prices & data  News & analysis Methodology & resources  Publications  Tools  All types  Search 

Bulletin boards Select  

16 Dec 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (23 Dec 2022) [TAG costs not included]
07 Dec 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (15 Dec 2022) [TAG costs not included]
06 Dec 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (15 Dec 2022) [TAG costs not included]
02 Dec 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (15 Dec 2022) [TAG costs not included]
01 Dec 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (15 Dec 2022) [TAG costs not included]
30 Nov 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (15 Dec 2022) [TAG costs not included]
28 Nov 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (29 Nov 2022) [TAG costs not included]
25 Nov 22	OFFER	Offers 50000m3/d of Natural gas at \$ /mnBtu at TAG Catu for delivery 1 day(s) (29 Nov 2022) [TAG costs not included]
21 Oct 22	OFFER	Offers 100000m3/d of Natural gas at \$ /mnBtu at TAG Pojuca for delivery 11 day(s) (21-31 Oct 2022) [No exit capacity hired]
20 Oct 22	OFFER	Offers 100000m3/d of Natural gas at \$ /mnBtu at TAG Pojuca for delivery 12 day(s) (20-31 Oct 2022) [No exit capacity hired]
19 Oct 22	OFFER	Offers 100000m3/d of Natural gas at \$ /mnBtu at TAG Pojuca for delivery 13 day(s) (19-31 Oct 2022) [No exit capacity hired]
18 Oct 22	OFFER	Offers 100000m3/d of Natural gas at \$ /mnBtu at TAG Pojuca for delivery 14 day(s) (18-31 Oct 2022) [No exit capacity hired]





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illuminating the markets

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