

LNG trends in 2024 and beyond

Mauro Chavez

Energy Trading Week, 28 September 2023



Market volatility will continue until 2026 driven by events and weather

- Schedule for new US LNG supplyUS LNG unplanned maintenances
- Panama Canal congestions

Norwegian extended maintenances European economic recession Russia's LNG import ban Blue Stream volumes renewal negotiation

- El Niño effect in hydropower
- Bolivia´s steep production decline

- QatarEnergy LNG trains maintenances
- ADNOC LNG rejuvenation
- Iran's gas export contract negotiation and capacity to deliver
- Egypt's Zohr production decline
- Algeria's ramp-up of new gas fields and maintenance

- Anticipated Russian flows cuts before end of Ukraine transit agreement
- Artic LNG-2 T1 comissioning
- Power of Siberia exports performance

China's economic rebound

- South Asia oil to gas switching
- Japan's nuclear ramp-up
- Kazakhstan gas contract renegotiation



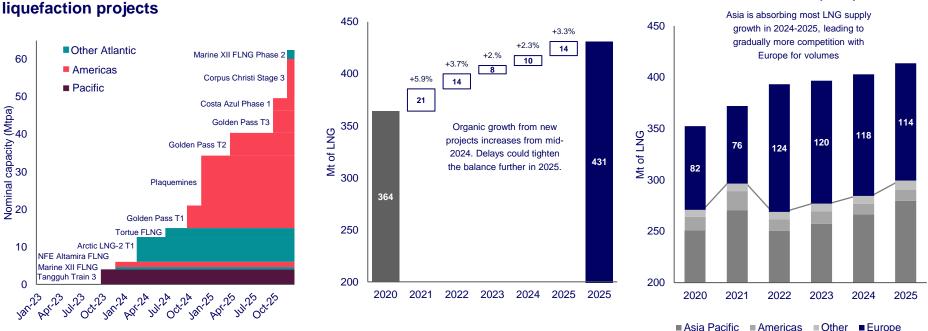


LNG balance and Europe LNG imports

Competition between Europe and Asia will gradually emerge again over 2024-25

This could tighten up the market, especially in 2025, if combined with delays and commissioning issues at new liquefaction projects

Global net LNG demand (DES)

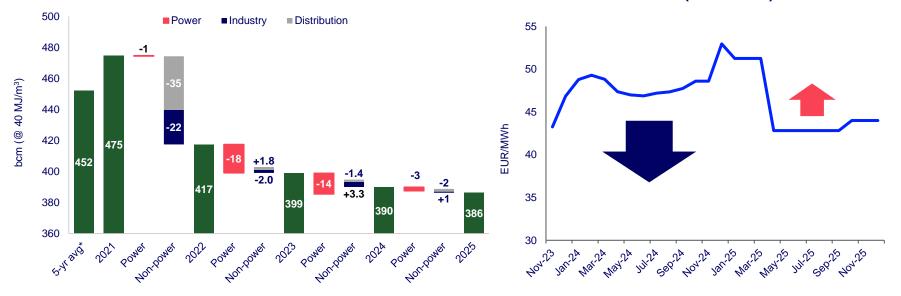


Woodmac expected build-up* of Global LNG supply (FOB)

Mackenzie Source: Wood Mackenzie LNG Short-Term Service. * Figures shown are nominal capacity, not expected output.

European market dynamics

Demand falls in 2023 as gas use in power generation is squeezed by low power demand, stronger renewable performance and industry use remains weak Growing renewable capacity drives further decline in power in 2024-25 whilst slow economic growth and relatively high end user prices limits potential for upside across non-power Europe Gas demand*



TTF forward curve (27/09/2023) and risks

Source: Wood Mackenzie *5-yr avg ('18-'22)

Source: Wood Mackenzie, Argus Media Group CME, ICE,



Disclaimer

These materials, including any updates to them, are published by and remain subject to the copyright of the Wood Mackenzie group ("Wood Mackenzie"), or its third-party licensors ("Licensors") as relevant, and are made available to clients of Wood Mackenzie under terms agreed between Wood Mackenzie and those clients. The use of these materials is governed by the terms and conditions of the agreement under which they were provided. The content and conclusions contained are confidential and may not be disclosed to any other person without Wood Mackenzie's prior written permission. Wood Mackenzie makes no warranty or representation about the accuracy or completeness of the information and data contained in these materials, which are provided 'as is'. The opinions expressed in these materials are those of Wood Mackenzie, and do not necessarily represent our Licensors' position or views. Nothing contained in them constitutes an offer to buy or to sell securities, or investment advice. Wood Mackenzie's products do not provide a comprehensive analysis of the financial position or prospects of any company or entity and nothing in any such product should be taken as comment regarding the value of the securities of any entity. If, notwithstanding the foregoing, you or any other person relies upon these materials in any way, Wood Mackenzie does not accept, and hereby disclaims to the extent permitted by law, all liability for any loss and damage suffered arising in connection with such reliance.

Copyright © 2023, Wood Mackenzie Limited. All rights reserved.





Europe Americas Asia Pacific Email Website +44 131 243 4477 +1 713 470 1700 +65 6518 0888 contactus@woodmac.com www.woodmac.com

Wood Mackenzie^w is a trusted intelligence provider, empowering decision-makers with unique insight on the world's natural resources. We are a leading research and consultancy business for the global energy, power and renewables, subsurface, chemicals, and metals and mining industries. For more information visit: woodmac.com

WOOD MACKENZIE is a trademark of Wood Mackenzie Limited and is the subject of trademark registrations and/or applications in the European Community, the USA and other countries around the world.