

#### Global Gas Markets – trends & discontinuities *Implications for GB and Europe*

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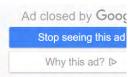


#### Gas Glut Reverses Lucrative 2016 Trade

Natural-gas futures have fallen 25% in the oversupplied market, hurting plans to grow U.S. exports



- → In new world order, China and Mexico vie for a tanker of gas
- → LNG market more fragmented with a spot market akin to oil



#### Sharp Turn

A tanker carrying U.S. LNG from Asia to Mexico in January suddenly changed course.





MARKETS | GAS MARKETS

#### Gazprom Not Planning Price War Against U.S. Liquefied Natural Gas Exports

Gazprom 'very relaxed about U.S. LNG,' says Gazprom's deputy chairman Alexander Medvedev

# Gazprom and LNG markets



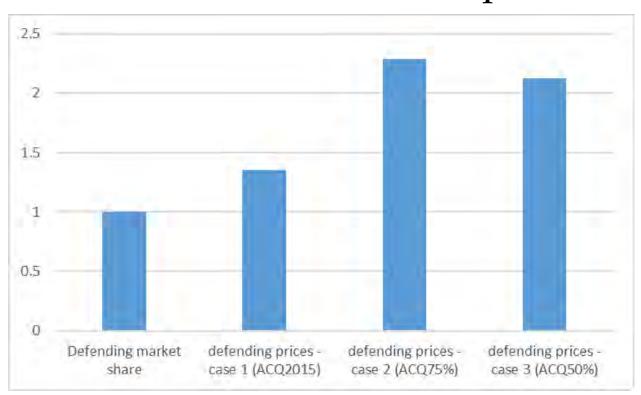
### Gazprom and LNG markets

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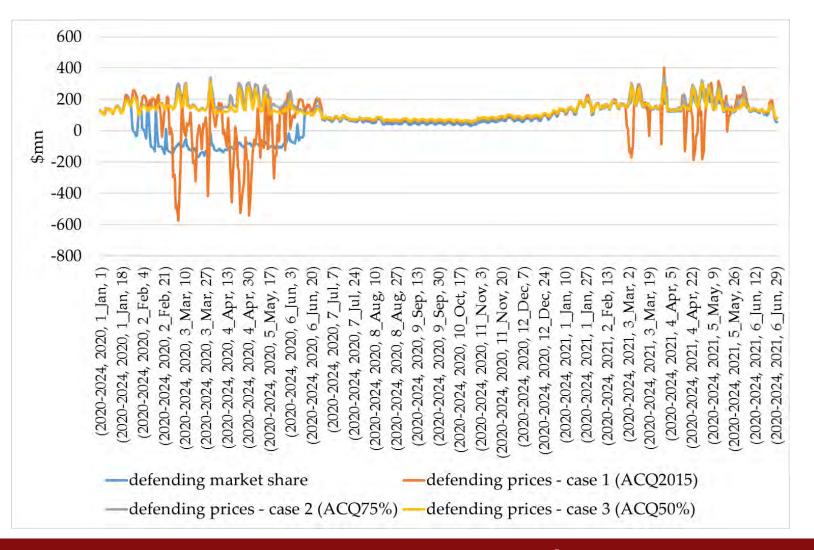
Source: The Oxford Institute for Energy Studies

# Should Gazprom defend its market share in Europe?

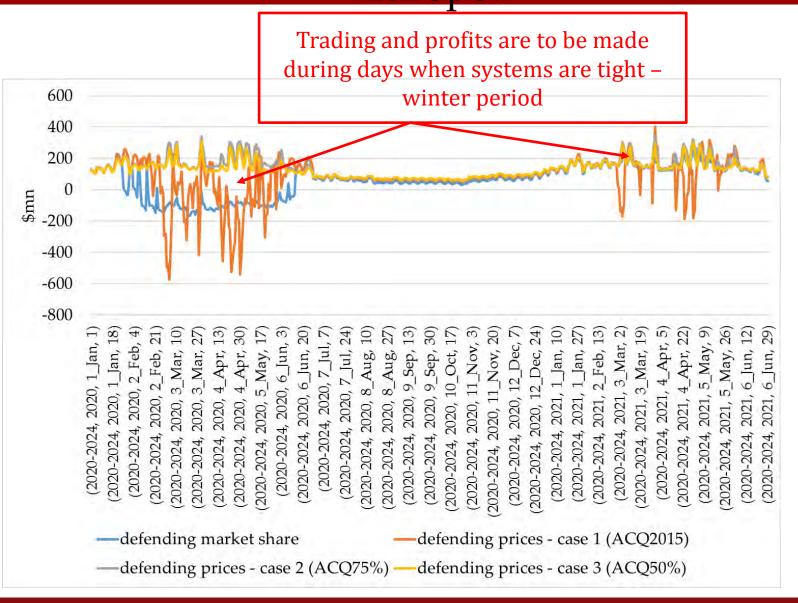


- Gazprom can profitably raise prices in Europe
- A mix of fixed price long-term contracts and free (strategic) trading volumes will ensure it can game the market
- With lower forward selling coverage (anything less than 75% of the 2015 ACQ level) Gazprom's profit begins to fall

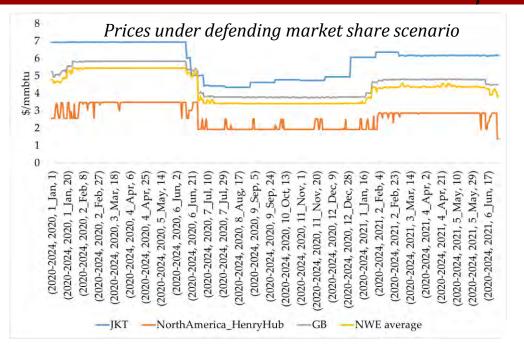
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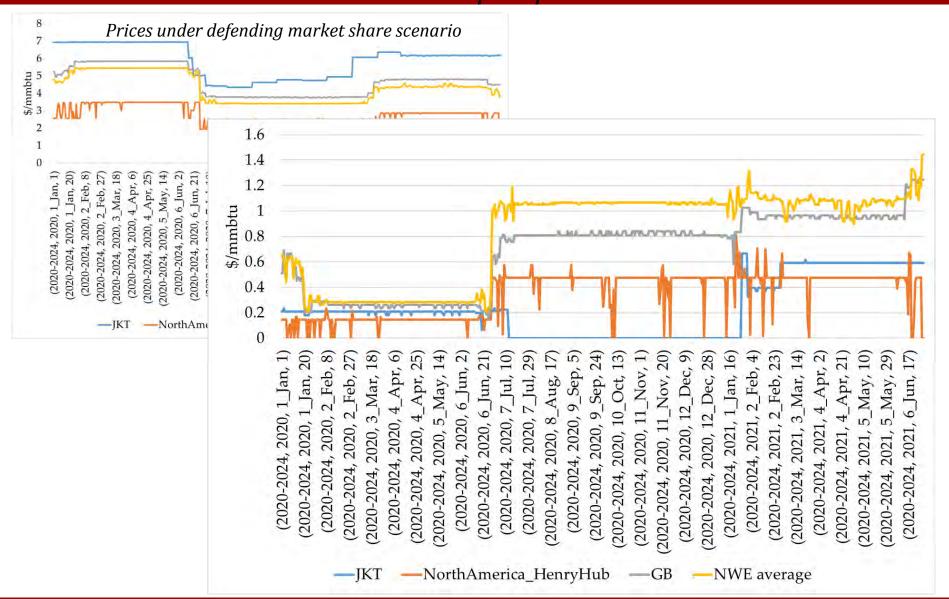


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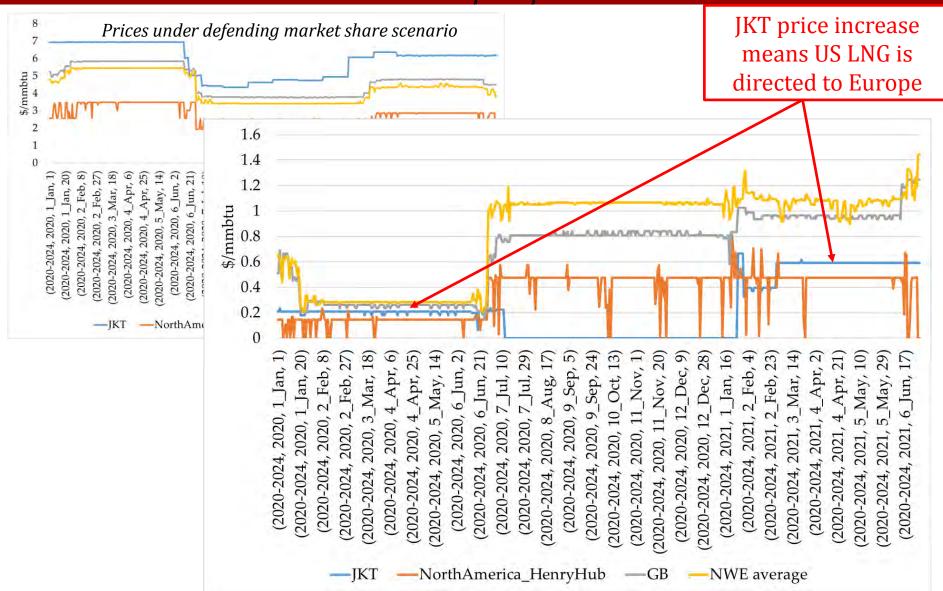


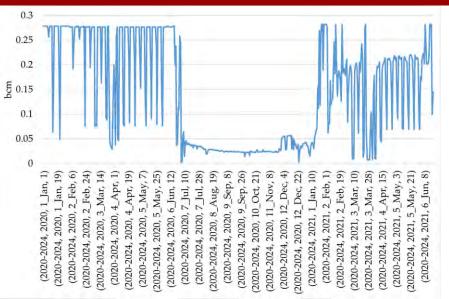
# Will US LNG respond? *Short-term perspective*

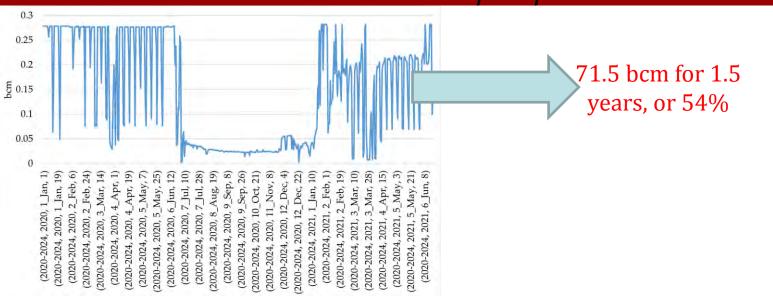


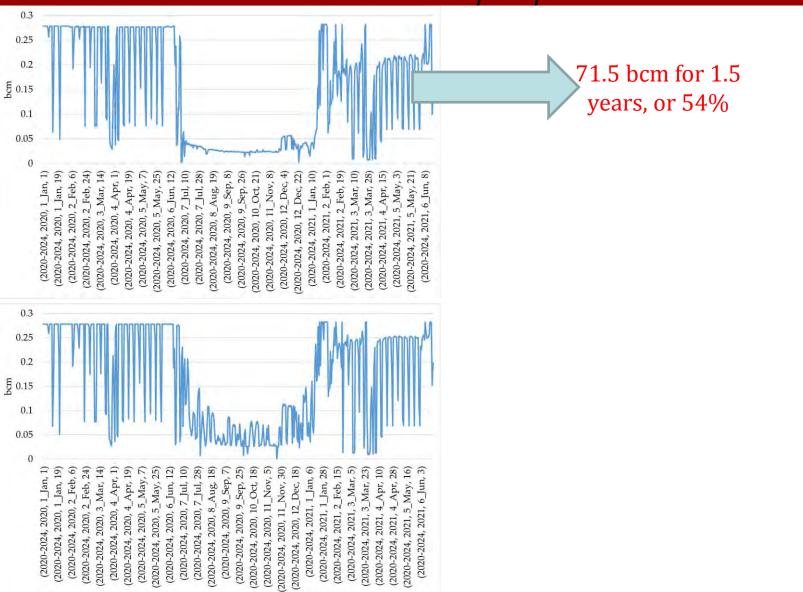


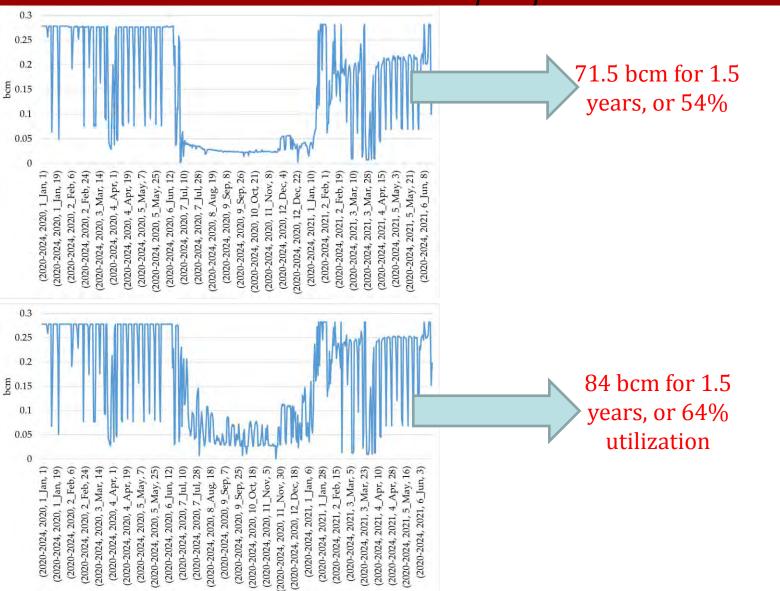
Short-term perspective



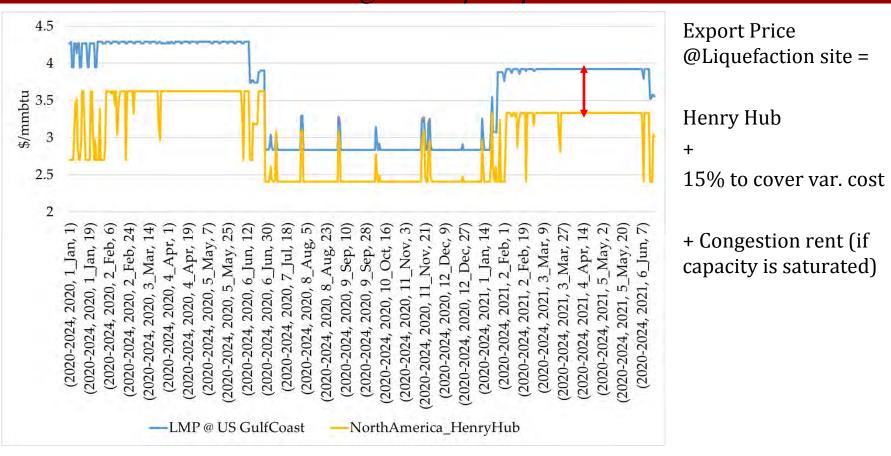




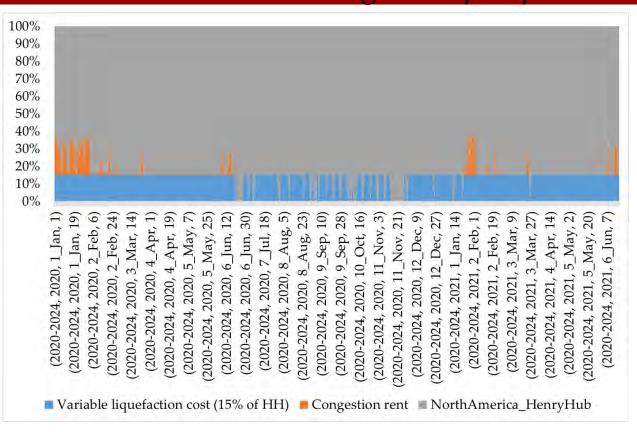




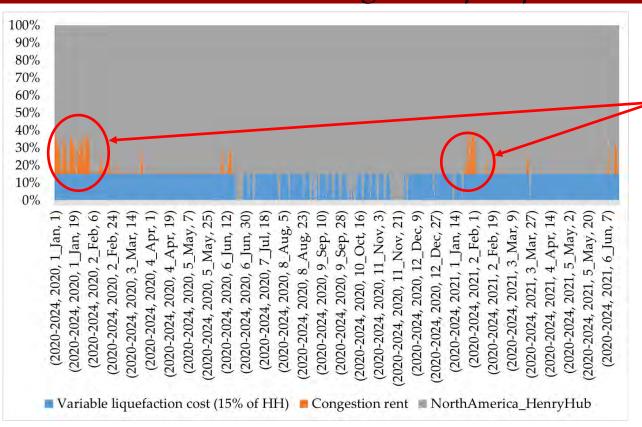
#### Long-term perspective



# Will US LNG respond? *Long-term perspective*



#### Long-term perspective



- Investment signal for new LNG export capacity
- 'congestion rent' ca.\$1/mmbtu
- Capacity cost for Cheniere is ca.
  \$3/mmbtu
- Thus, NO new investment even if Gazprom defend prices in Europe

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- Is it enough for US LNG to run at full capacity? No
- What is the problem then? Australia and lower than expected demand in Asia

• What is the outlook for 2025?

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- Implications of all of these for your business?

# Thank you for your attention

# Questions & comments are welcomed <u>k.chyong@jbs.cam.ac.uk</u>