

X-LNG CASE STUDY · AUG 2024

LNG supply: Australia or the Middle East?

Compare both contracts under changing demand, prices and canal access before choosing the next source of supply.



\$530.4M

PROFIT RANGE ACROSS TESTED TTF PRICE SCENARIOS

Australian or Middle Eastern LNG supply?

Test each four-cargo offer in the same portfolio

Choose one supply offer

North West Shelf

4 FOB cargoes · Australia

94.5% JKM – \$3.75

Das Island

4 FOB cargoes · Middle East

11% Brent



Same expanded portfolio

European + Korean demand

First compare forward profit, then change demand timing, canal access and price assumptions.

Reference includes 22 Sabine Pass cargoes, NWE supply, Sines and Incheon sales. Base portfolio value: \$238,435,281.

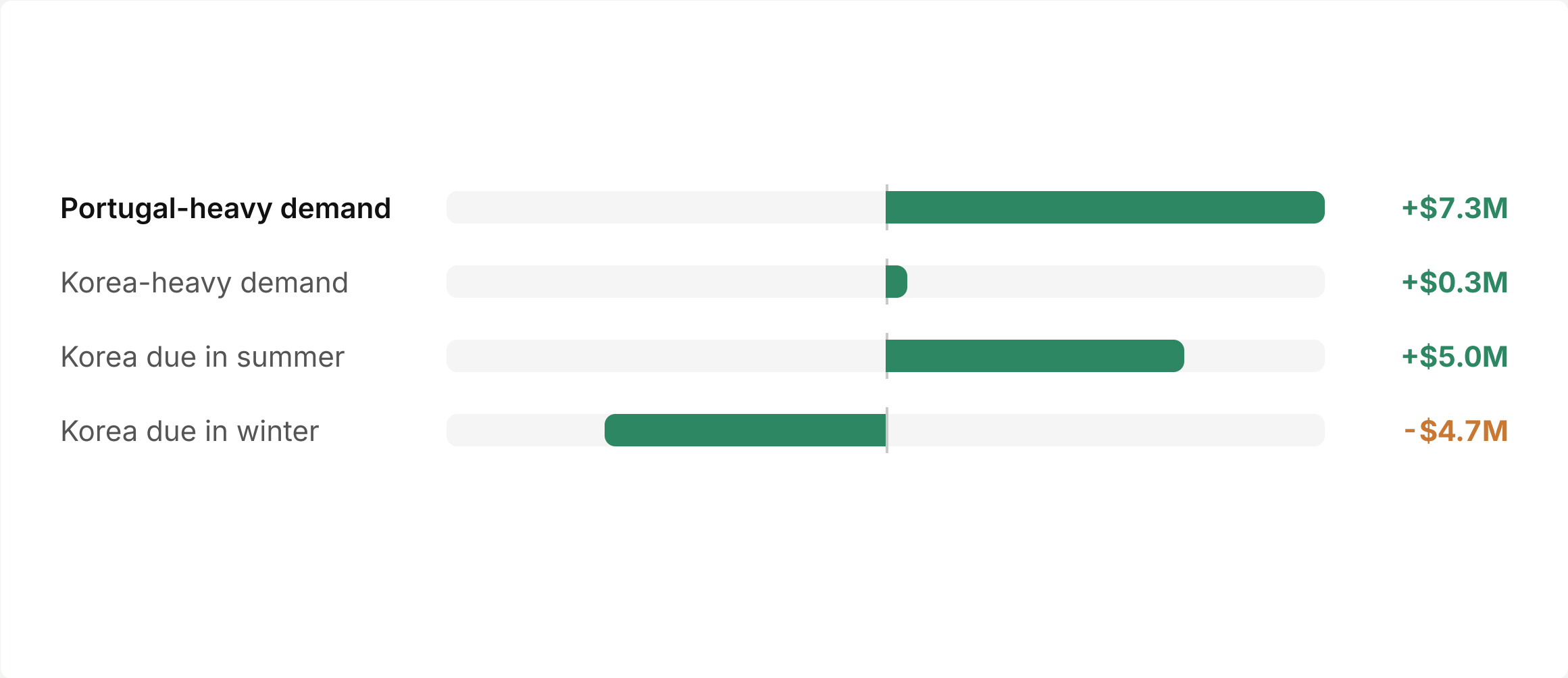
Australian supply leads at the initial prices

PORTFOLIO P&L WITH NEW DEALS · FORWARD CURVES



Australian and Middle Eastern supply produce results within 2% under the initial assumptions. The study then varies demand timing, routes and prices.

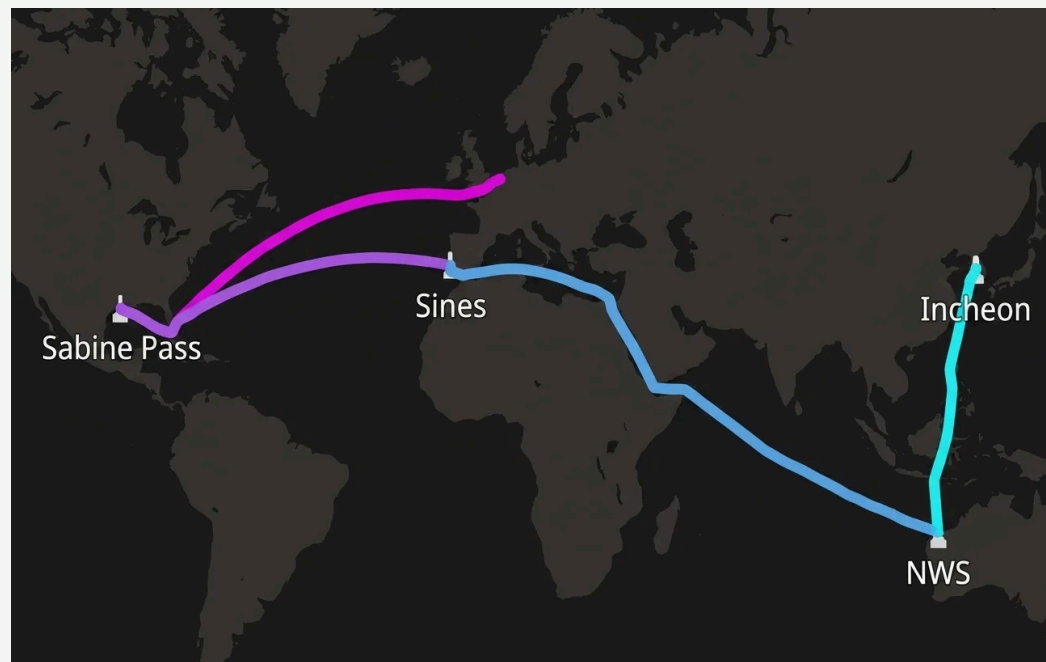
Winter Korean demand reverses the supply ranking



Australian supply performs better in most tested demand patterns. The Middle Eastern option leads by \$4.7M in the winter-skewed Korean demand case.

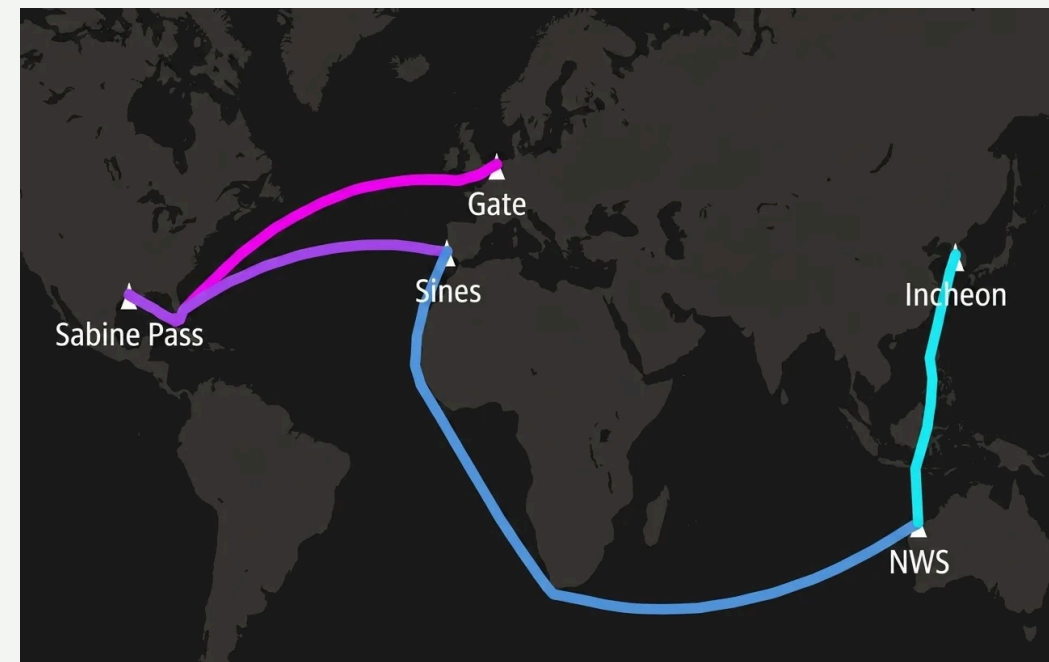
Australian supply: the effect of a Red Sea closure

Red Sea open



Portfolio profit: \$256,738,177

Red Sea closed

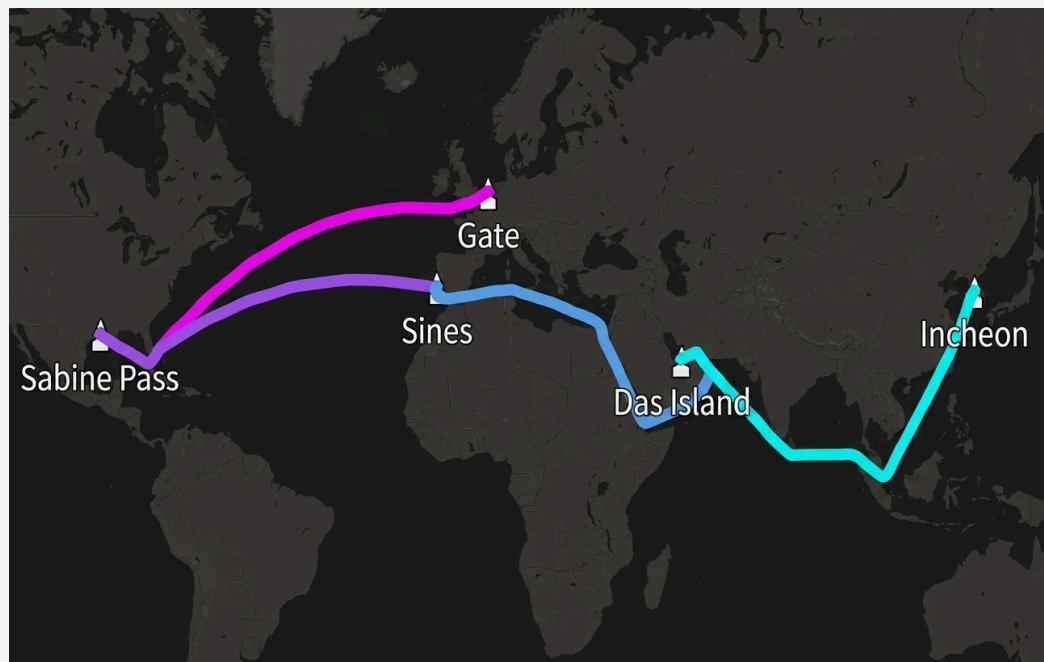


Portfolio profit: \$252,169,435

Closure reduces portfolio profit by about \$4.6M in this test. Australian supply retains the higher total profit in both route scenarios.

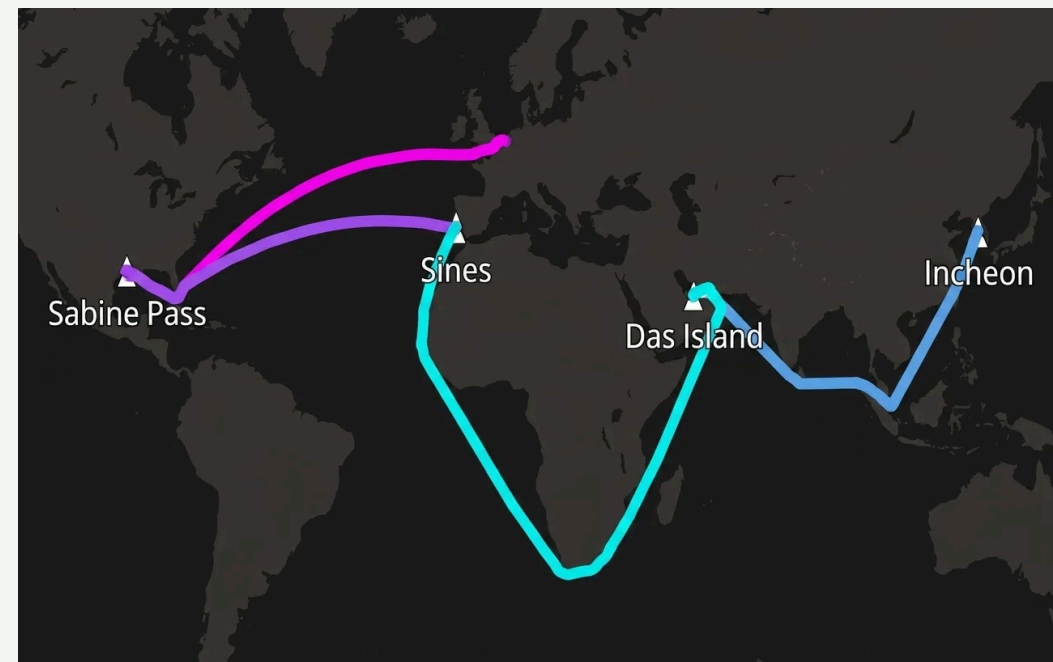
Middle Eastern supply: the effect of a Red Sea closure

Red Sea open



Portfolio profit: \$249,420,655

Red Sea closed



Portfolio profit: \$245,474,549

Closure reduces portfolio profit by about \$3.9M in this test. Australian supply retains the higher total profit in both route scenarios.

TTF exposure exceeds the initial supply-choice difference

PORTFOLIO PROFIT RANGE · \$M · STD DEVS YTD



The tested one-standard-deviation TTF range changes profit by \$530.4M. This is a scenario range, not a realised loss or a VaR estimate. It exceeds the initial difference between the two supply choices.

RESULT AND SCOPE

A \$530.4M profit range under the tested one-standard-deviation TTF variation.

The \$530.4M is a range across the specified TTF scenarios, not a realised loss or a VaR estimate. Supply rankings depend on the demand profile and pricing formulas.

Compare supply proposals under the scenarios that matter to your portfolio

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