

LNG Project Costs/Schedule

AGIA Analysis Technical Team

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LNG Cases

- **Case 1** – 2.7 or 4.5 bcf/d to Valdez - 48"/42" pipeline - 19.0mmtpa LNG
- **Case 2 – TransCanada's Y line** - 6.5 bcf/d to Delta Junction, 4.5 bcf/d to Alberta and 2.0 bcf/d to Valdez - 48" pipeline to Alberta and 30" pipeline to Valdez – 13.9mmtpa LNG
- **Case 3** – 4.5 bcf/d to Valdez - 48" pipeline – 31.5mmtpa LNG

Analysis Results

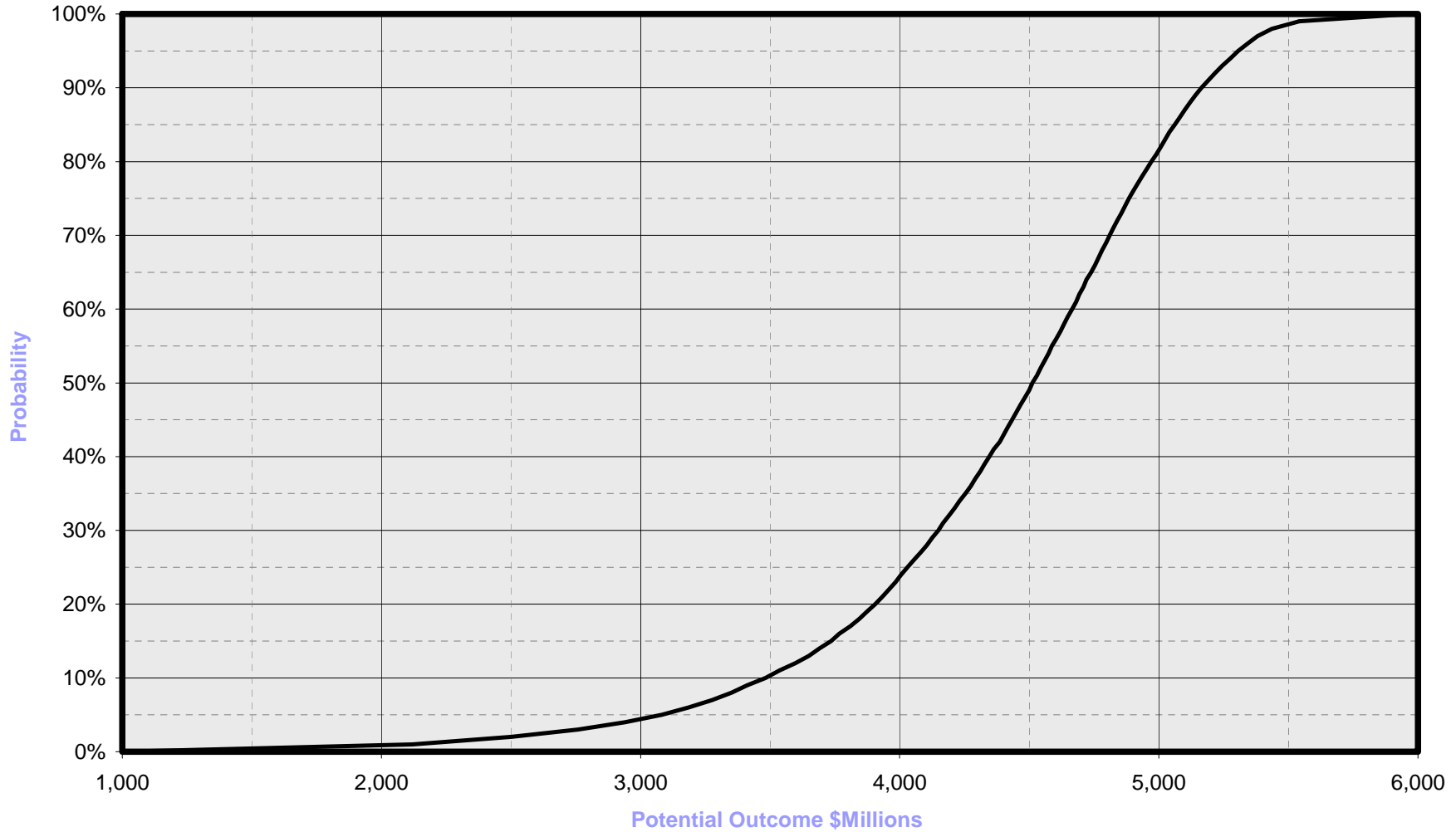
- Higher capital cost
- Similar schedule duration
- Later project start
- Higher cost/schedule risk

LNG Analysis

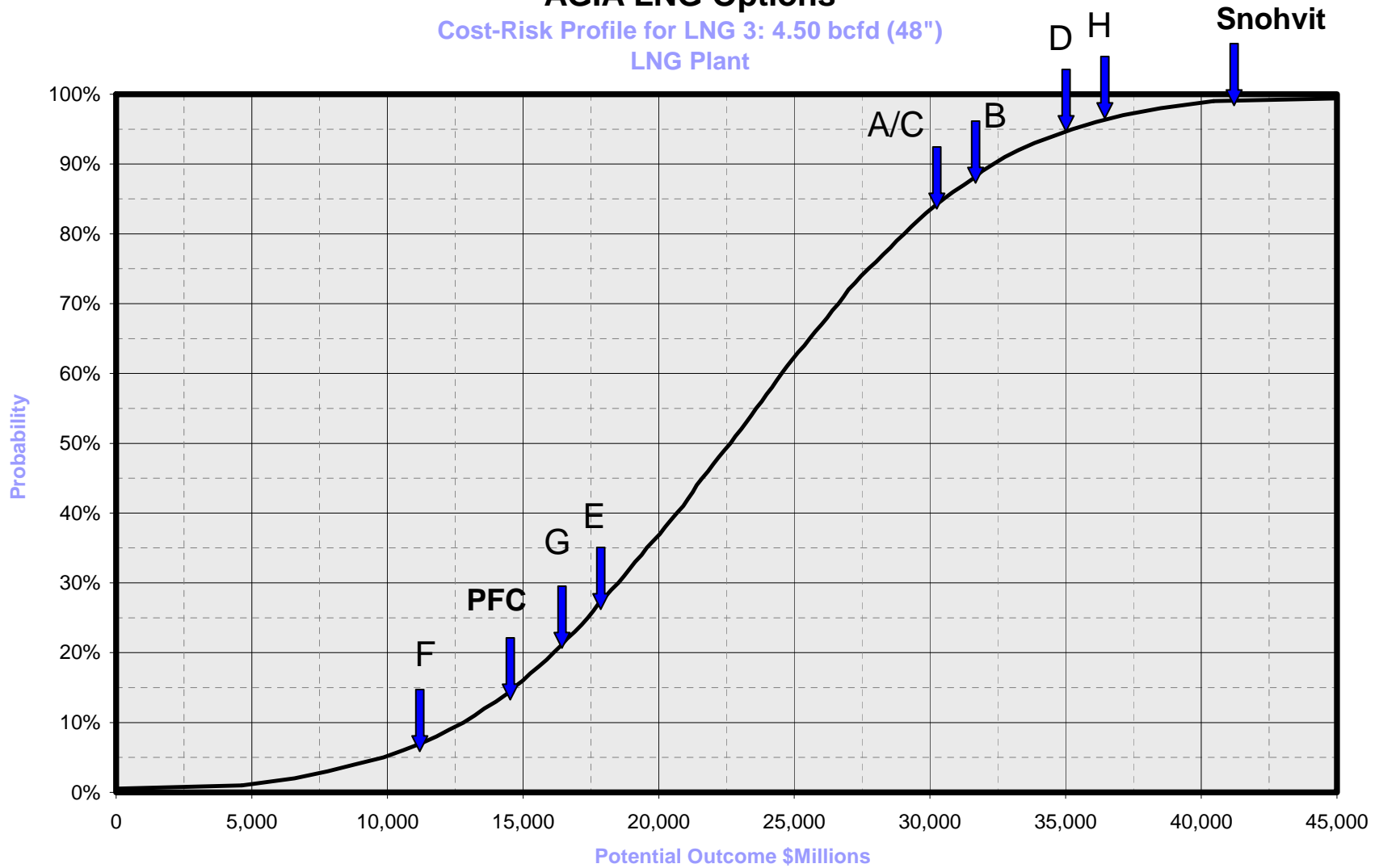
Assumptions/Methodology

- LNG plant costs developed from recent comparable worldwide projects
- GTP and pipeline schedule and cost factored from TransCanada's proposed project
- Miscellaneous and development phase costs factored from TransCanada application analysis
- Start of LNG project one year later than TransCanada project

AGIA LNG Options
Cost-Risk Profile for LNG 3: 4.50 bcf/d (48")
Delta Junction to Valdez Pipeline



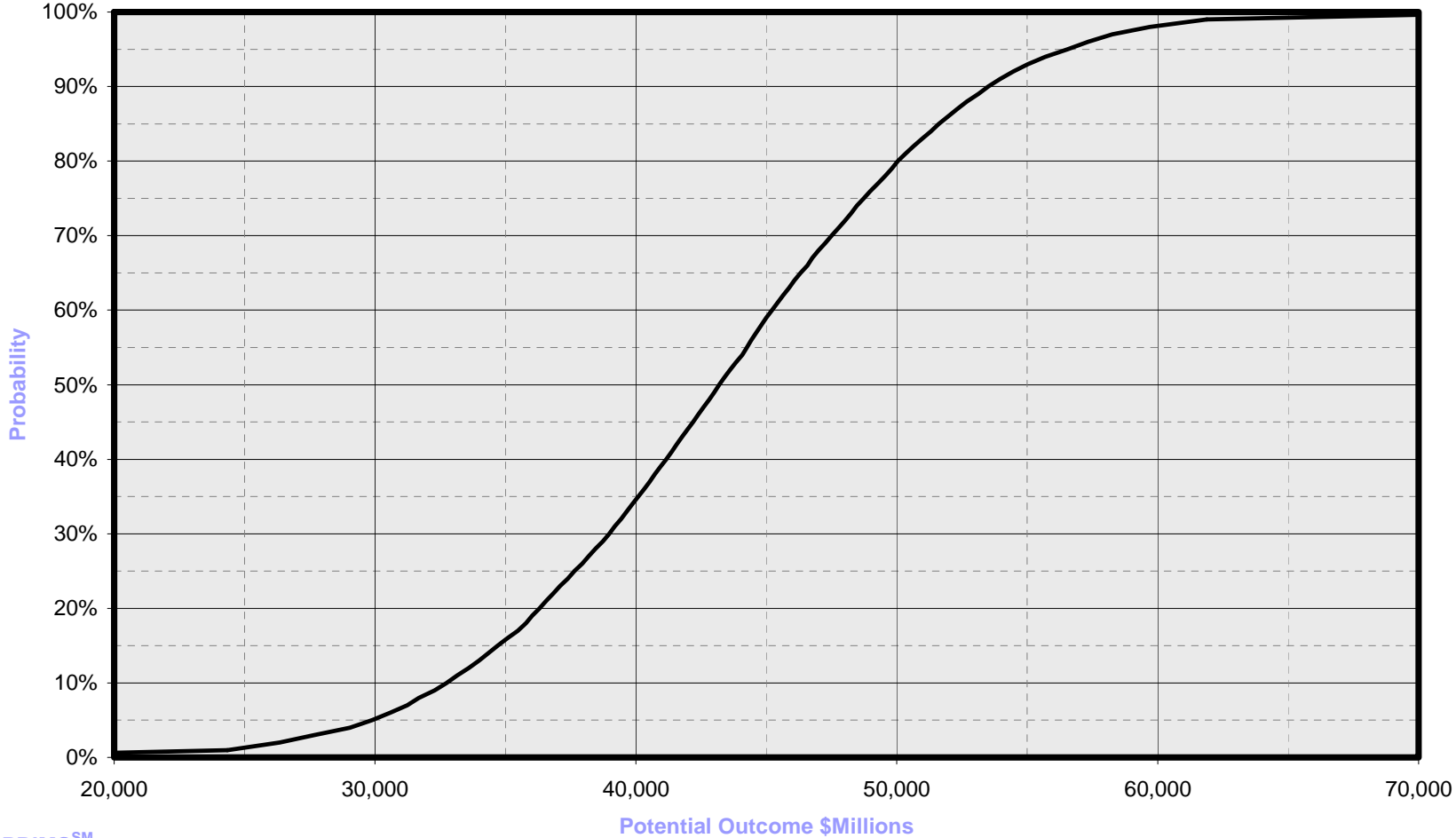
AGIA LNG Options
Cost-Risk Profile for LNG 3: 4.50 bcf/d (48")
LNG Plant



AGIA LNG Options

Cost-Risk Profile for LNG 3: 4.50 bcf/d (48")

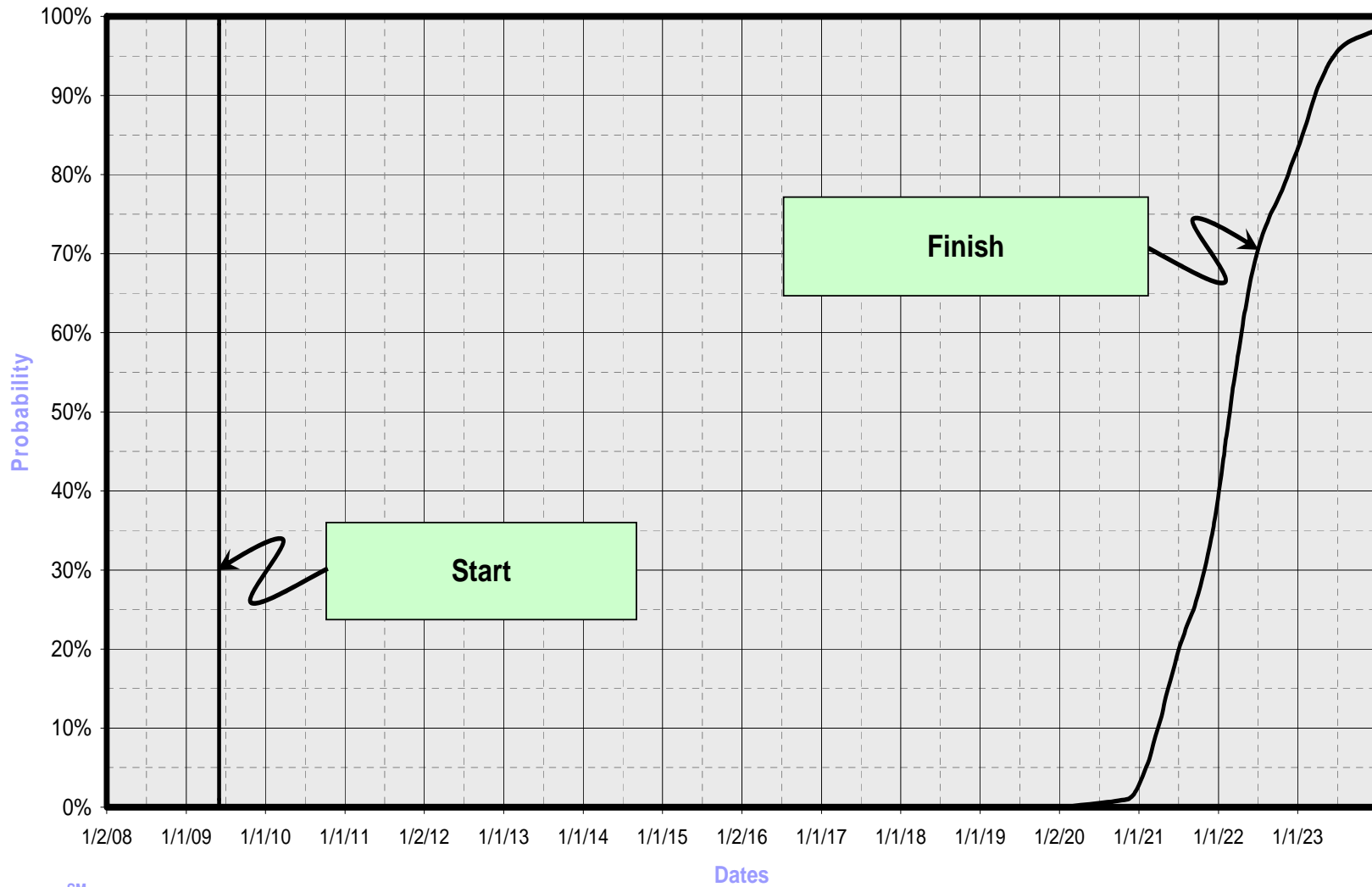
Integrated Project



PRIMSSM

AIGA LNG Options

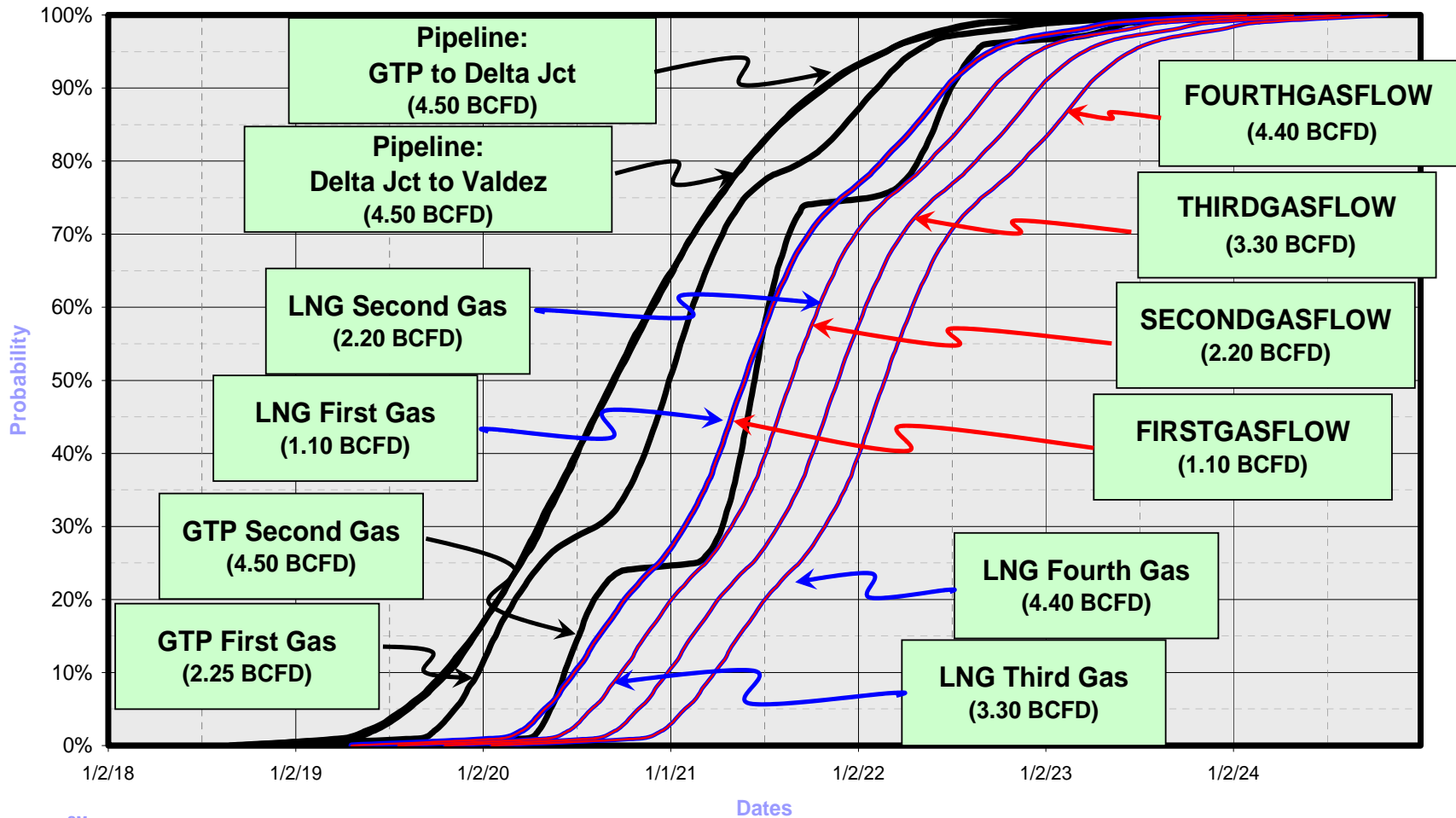
Time-Risk Model Profile for **LNG 3: 4.50 bcf/d (48")**
Project



PRIMSSM

AIGA LNG Options

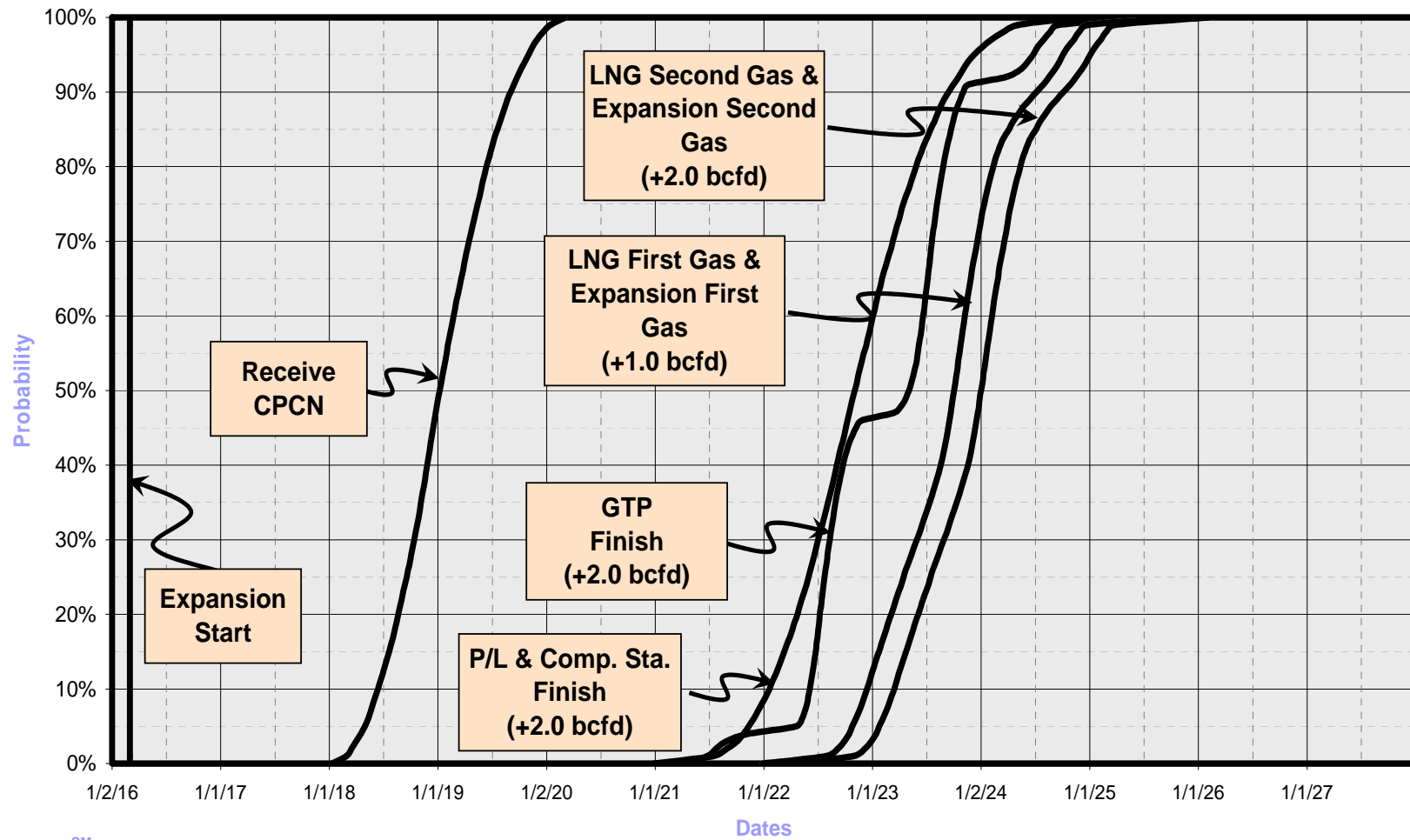
Time-Risk Model Profile for **LNG 3: 4.50 BCFD (48")**
All Gas



PRIMSSM

AGIA Additional Expansion Cases

Time-Risk Model Profile for **LNG 2a**: Expansion of 4.50 bcf/d (Base Case) to 6.50 incl 2.00 LNG
All Gas



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