

# Safety Monitor Update

Gas Ops Forum, 9 December 2009

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# Safety Monitor Update

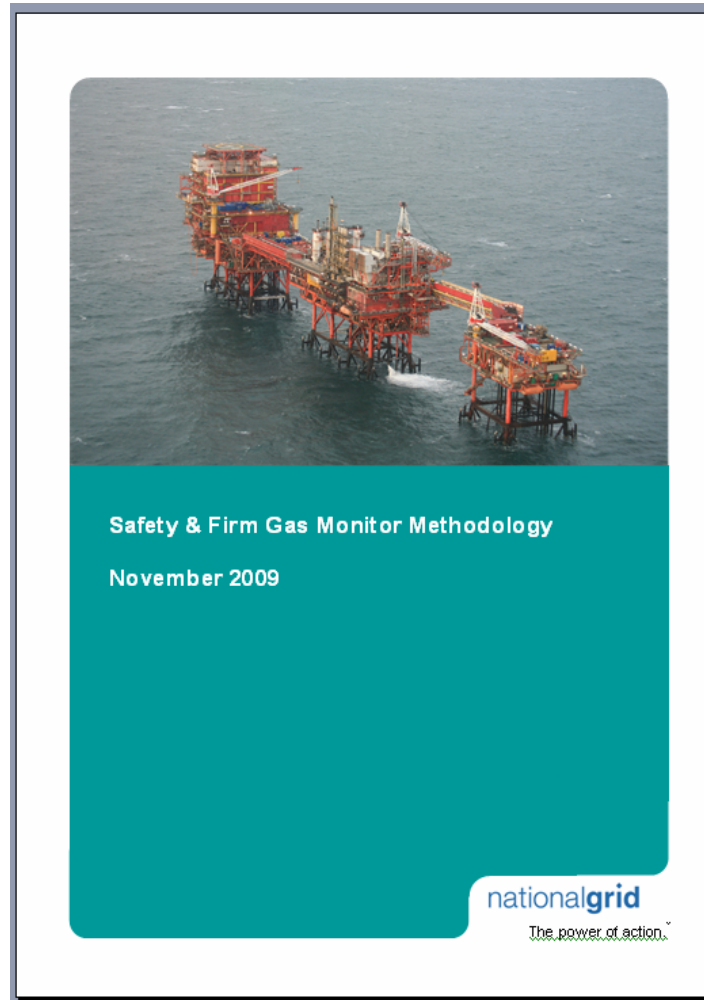
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- ◆ Safety monitor methodology paper
- ◆ Revision to Space Safety Monitor profile
- ◆ Future Safety Monitor developments
- ◆ Non storage supply review for winter so far

# Safety Monitor Methodology Paper

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[www.nationalgrid.com/uk/Gas/Data/storage/](http://www.nationalgrid.com/uk/Gas/Data/storage/)

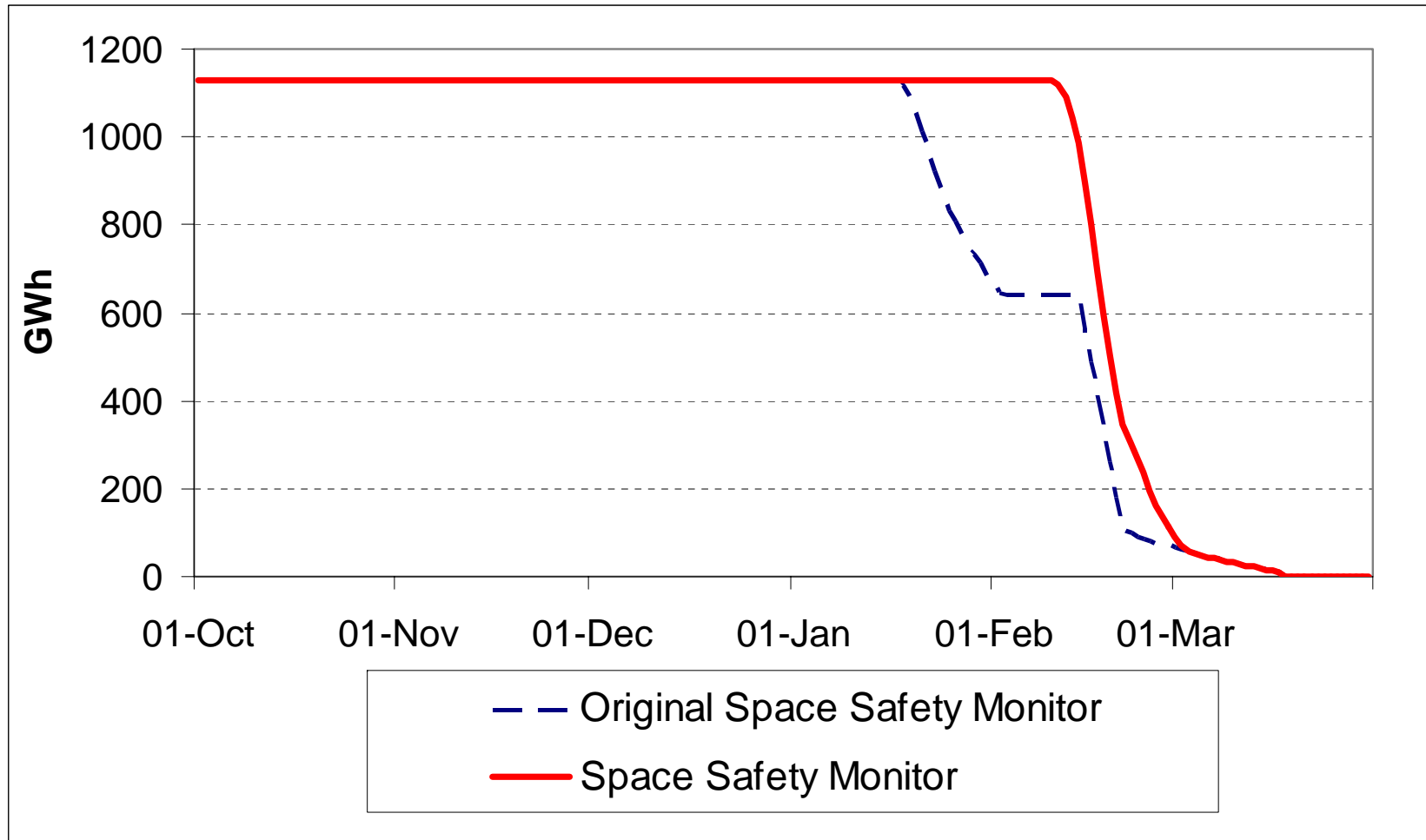


# Revision to Space Safety Monitor profile

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- ◆ No change to initial Safety Monitor Space Requirement of 1127GWh (~100 mcm)
- ◆ 100 mcm is only ~2% of available storage
- ◆ Cover for the latest possible occurrence of very cold weather
- ◆ Safety monitor space requirement of 1127 GWh is maintained in its entirety to mid February, rather than starting to decline at mid January.

# Revised Safety Monitor Space profile

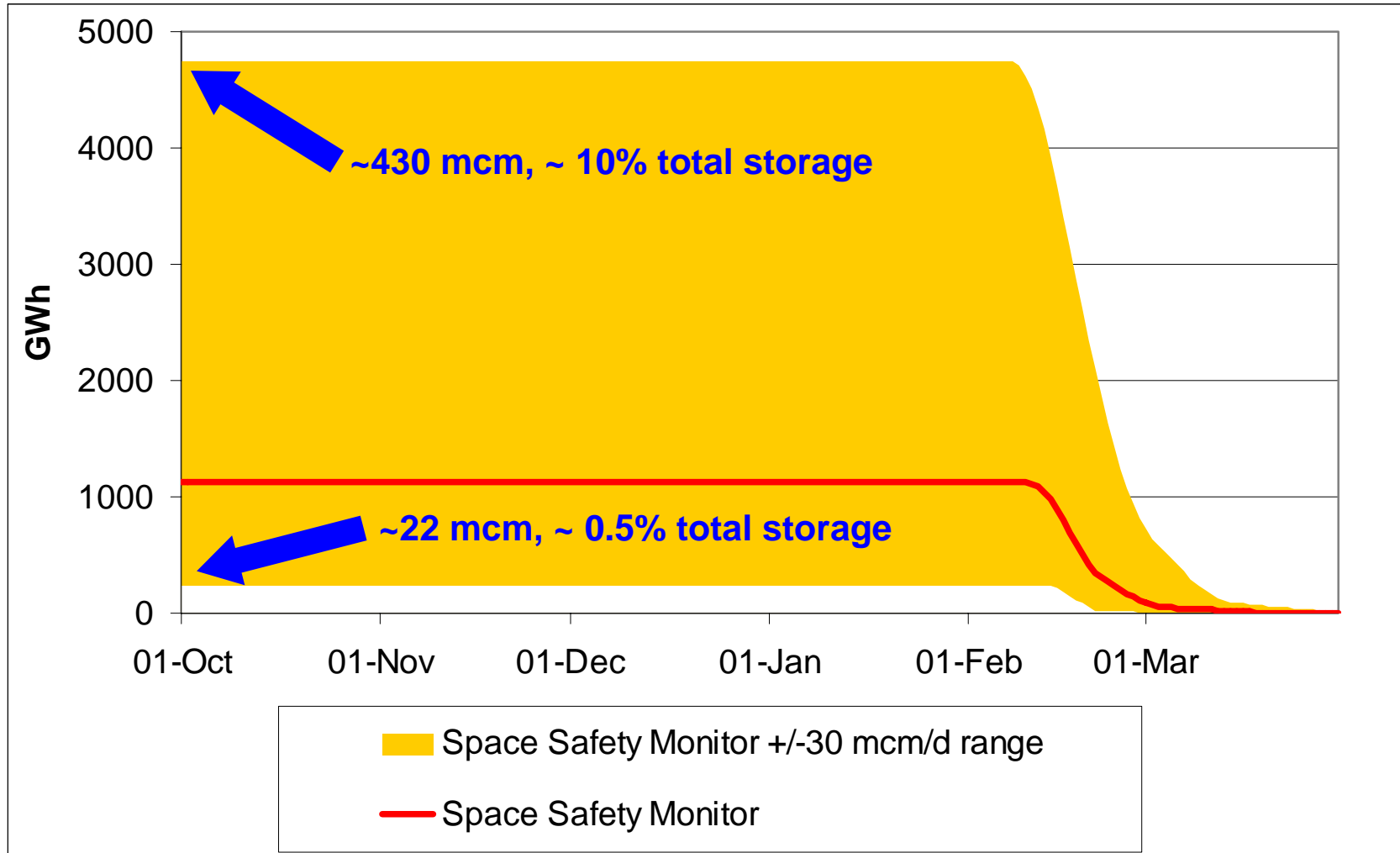


# Future developments

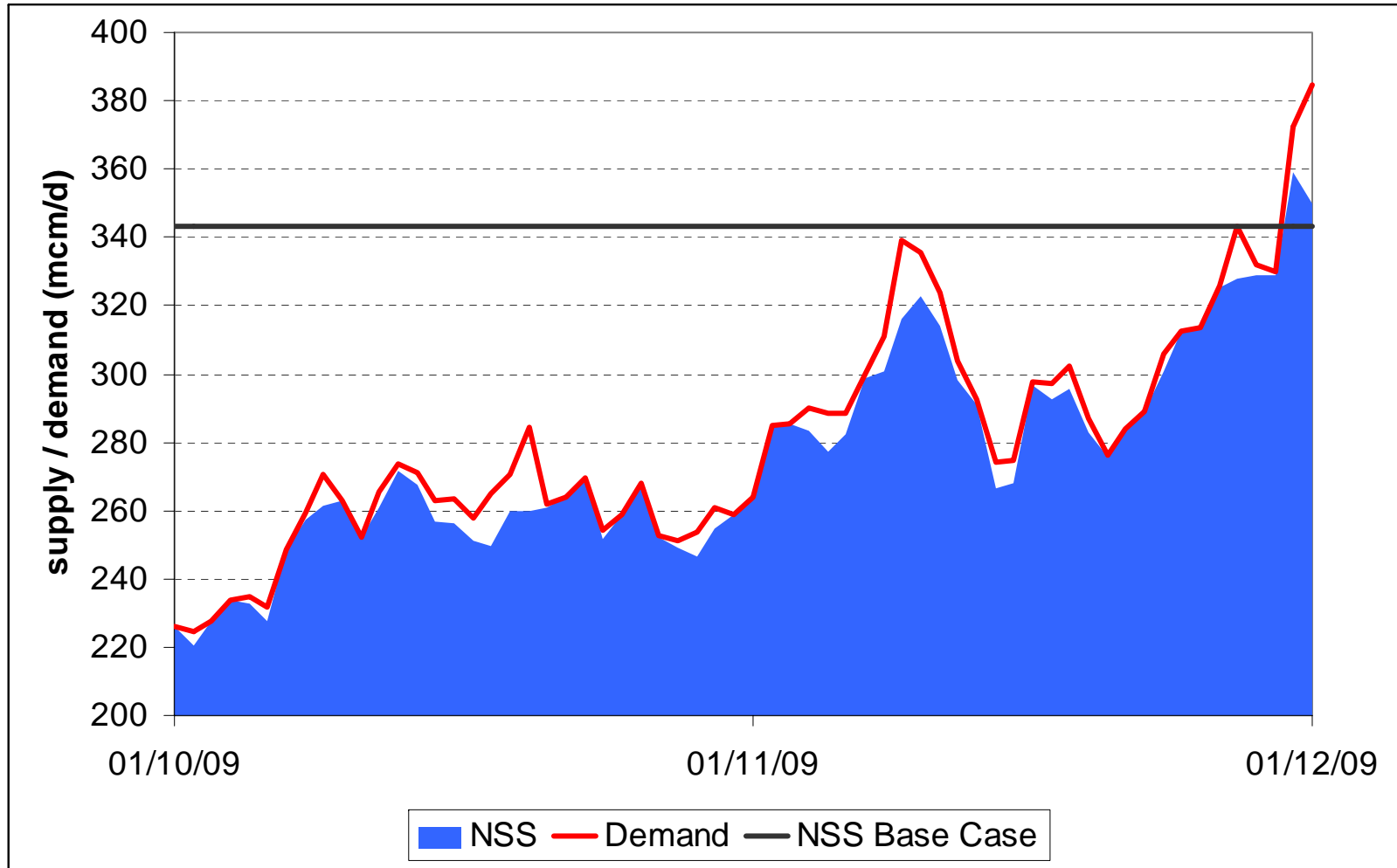
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- ◆ National Grid continually reviews the underlying assumptions and steps within the safety monitor calculation process
- ◆ For example: Non Storage Supplies (NSS) assumption
  - ◆ Winter Outlook Base Case: 343 mcm/d
    - ◆ A diversified, aggregate of NSS for whole winter
    - ◆ Actual NSS will on some days be higher, some lower
- ◆ If NSS was expected to be materially lower/higher than forecast for a sustained period, e.g. due to supply shock, then Safety Monitors would be recalculated
- ◆ Currently there is no visibility of potential impact of NSS change to Safety Monitor level

# Space Safety Monitor: NSS +/- 30 mcm/d



# Winter 2009/10: NSS Performance so far

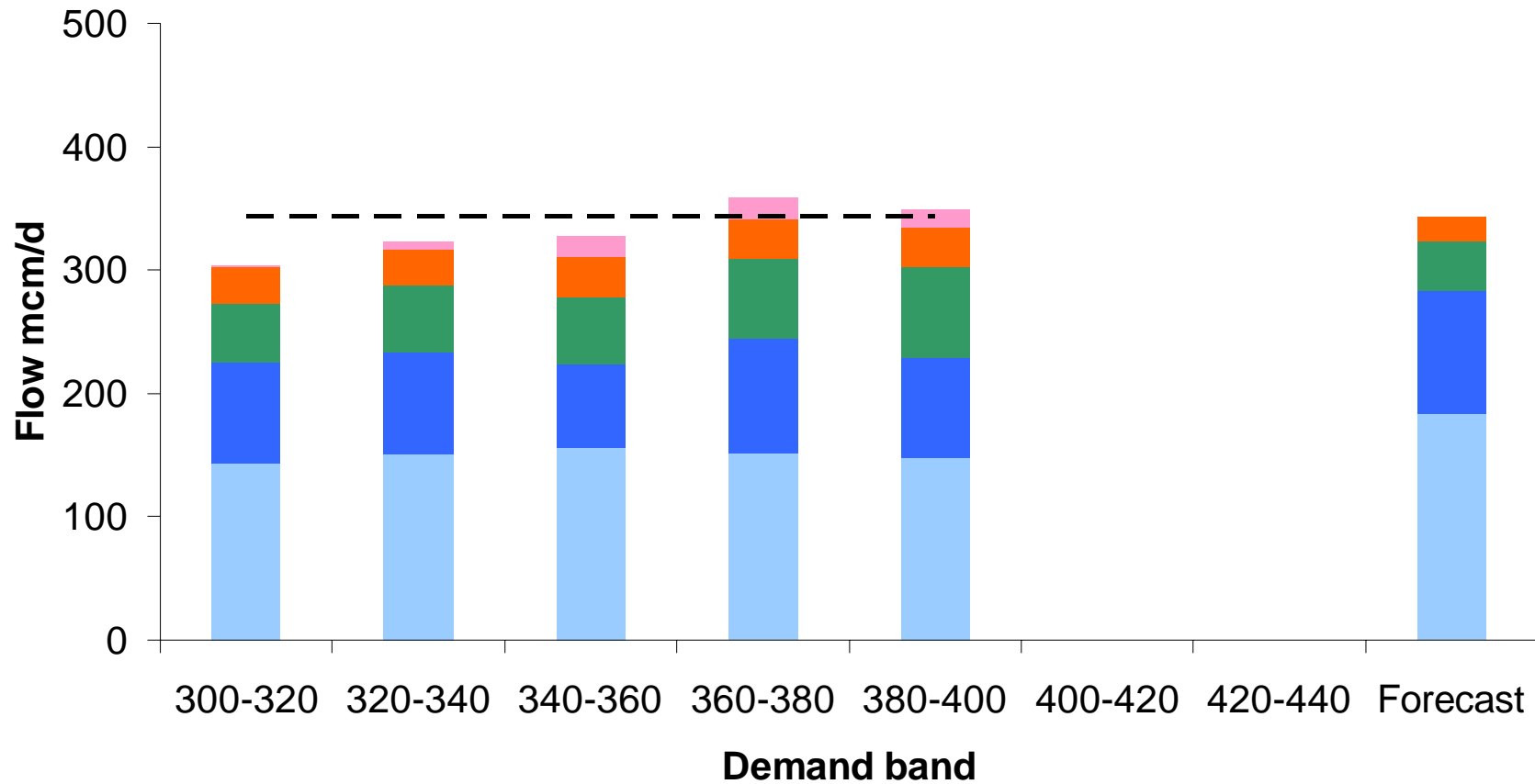


## NSS Occurrences (Data to 1/12/2009)

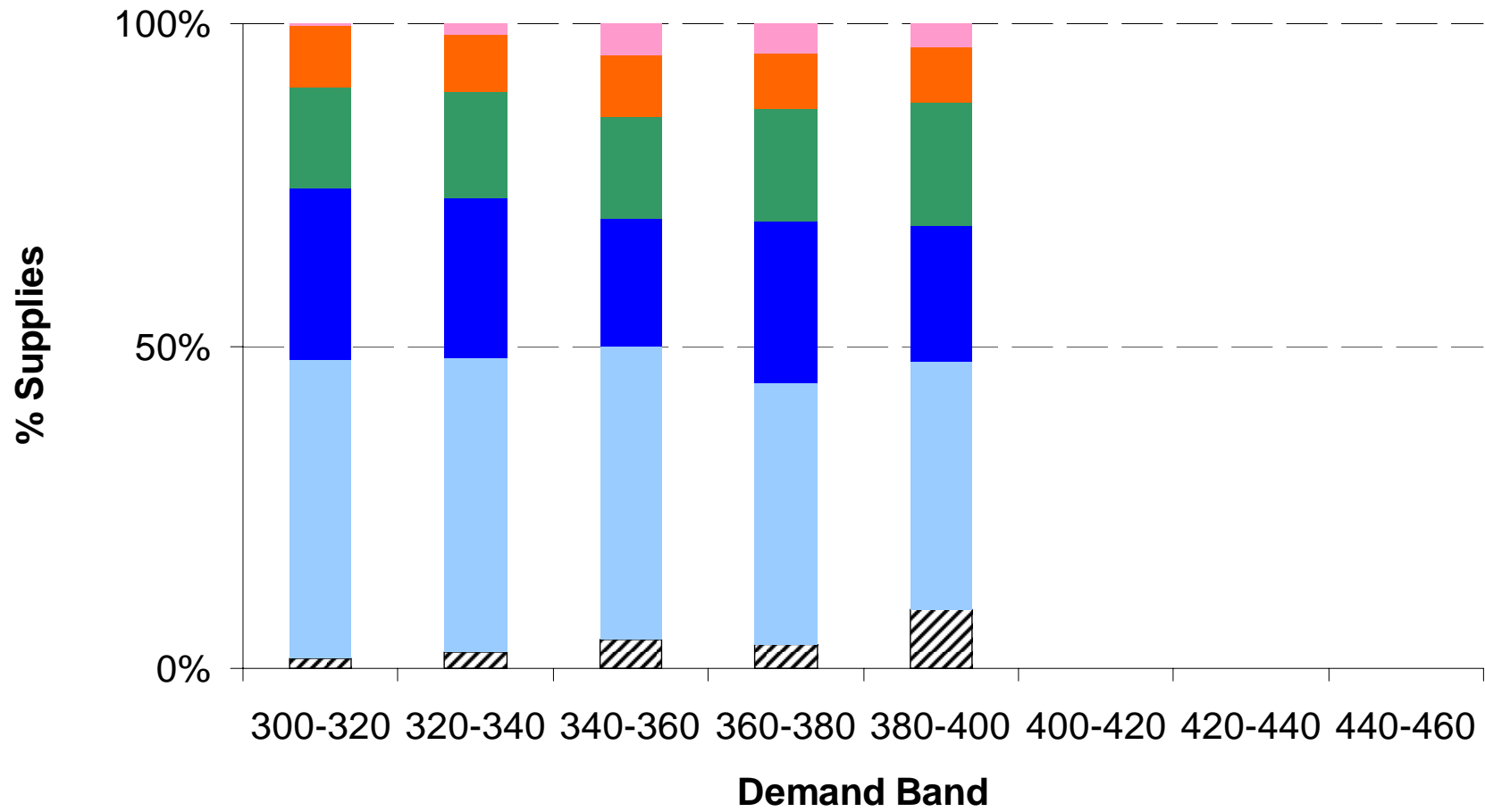
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Demand Band	Occurrences
300 – 320	6
320 – 340	6
340 – 360	1
360 – 380	1
380 – 400	1
400 – 420	
420 – 440	
440 - 460	

# Non Storage Supplies



# Supply Makeup

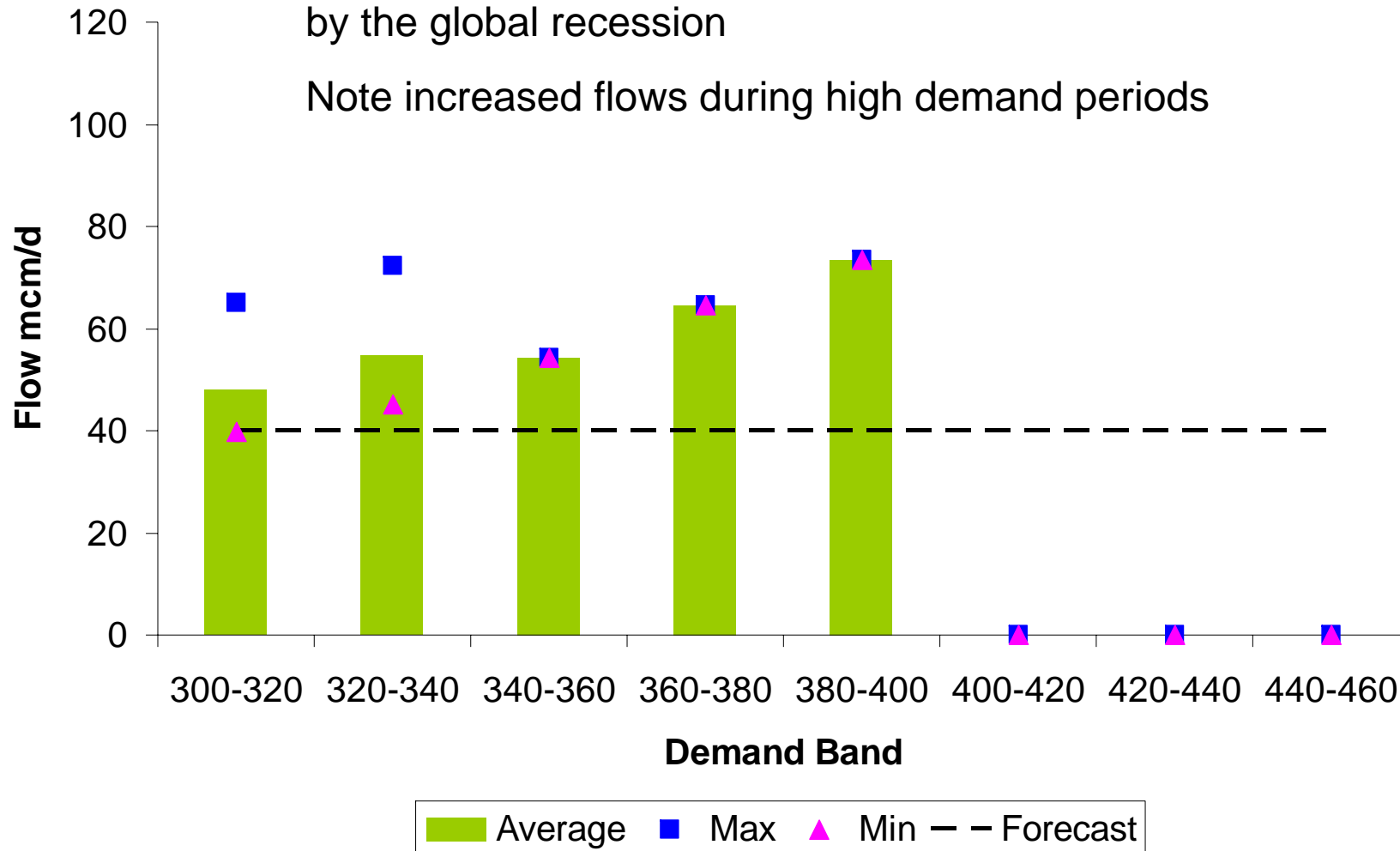


Storage avg
  UKCS avg
  Norway avg
  LNG avg
  BBL avg
  IUK Imports avg

# LNG

LNG above forecast due to healthy LNG supplies, caused by the global recession

Note increased flows during high demand periods



# For more Safety Monitor information contact:

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