

## Gas Day 2<sup>nd</sup> February 2015



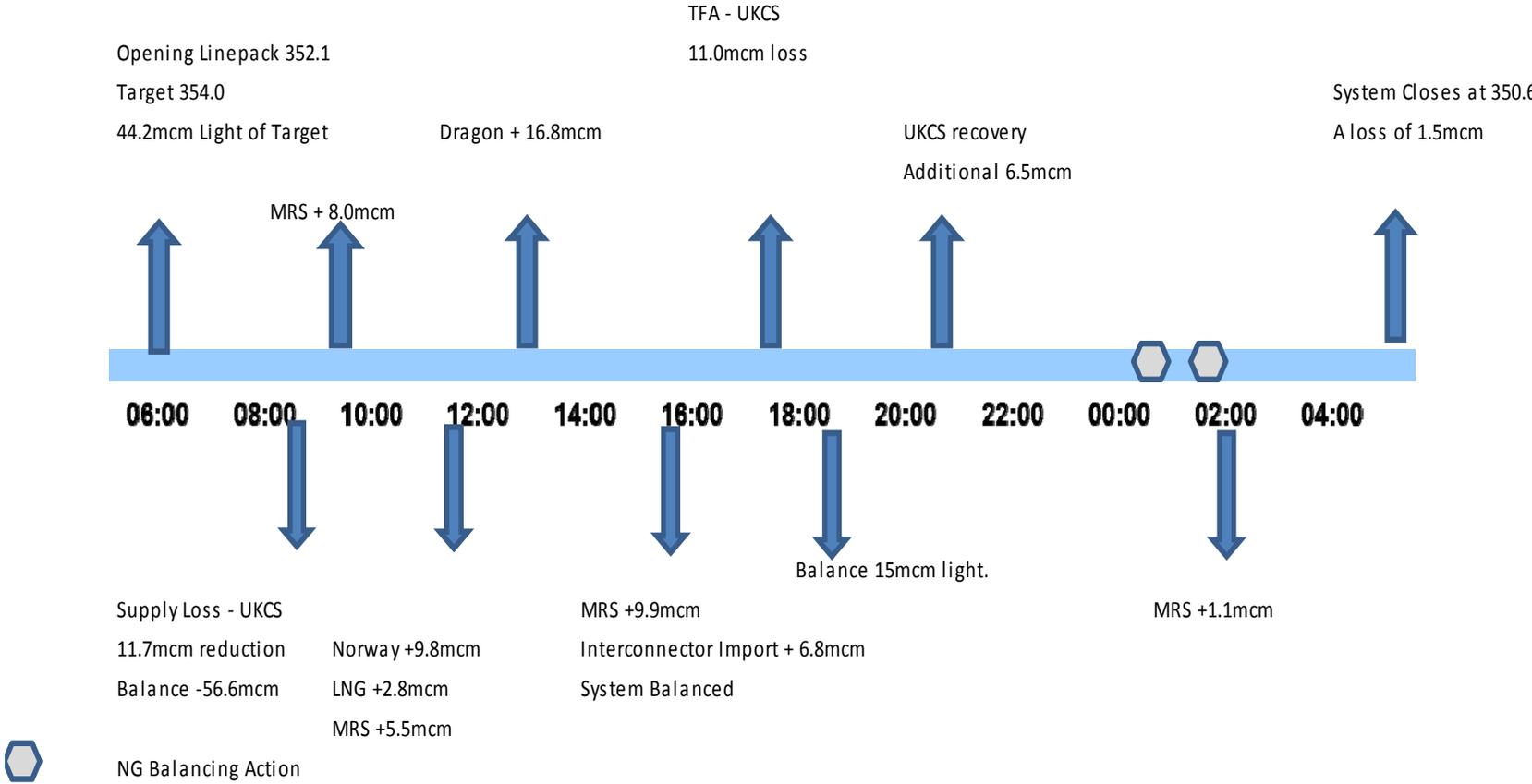
Operational Performance  
NTS Optimisation

## Overview

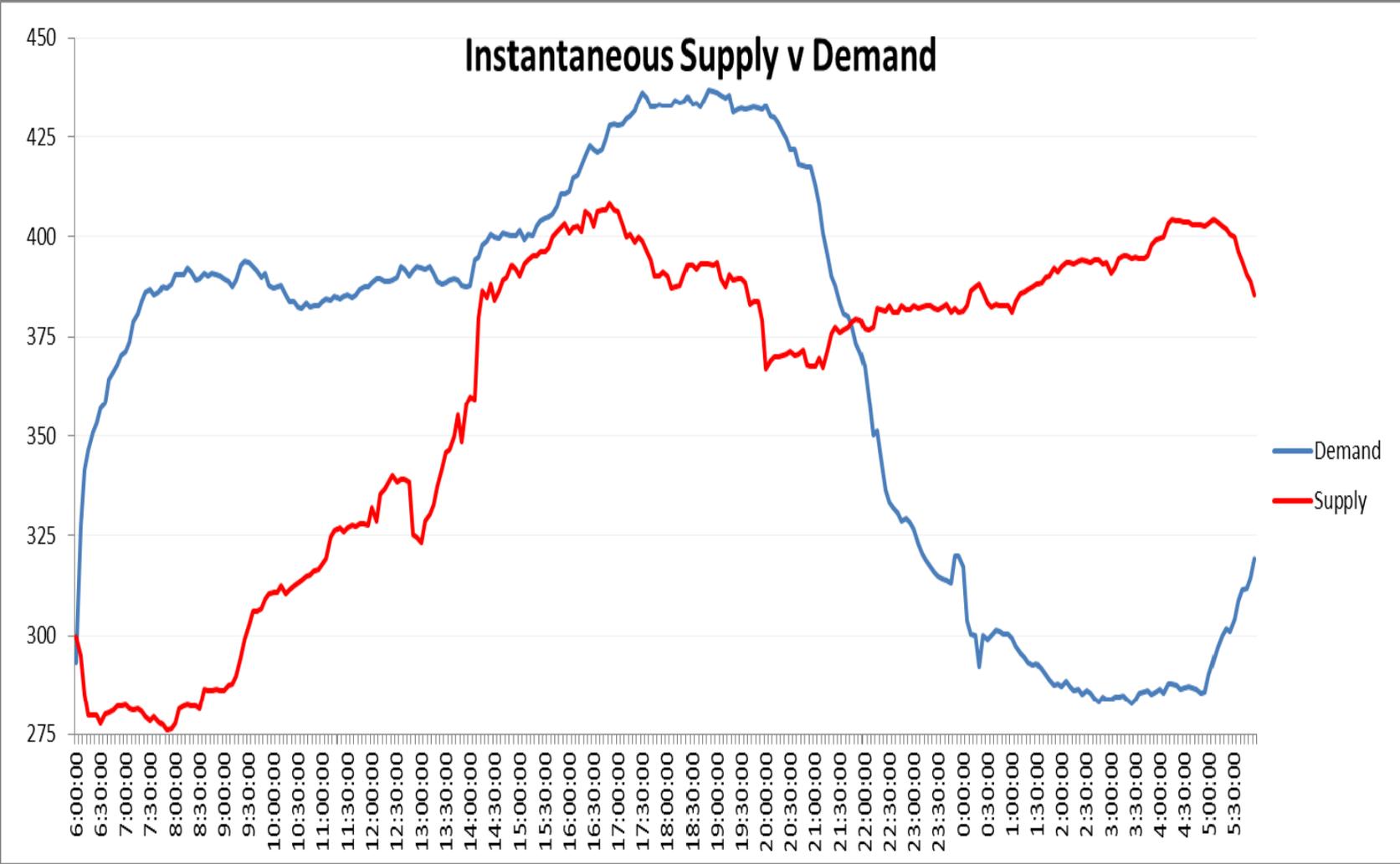
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- Gas Day started with Linepack of 352.1mcm. Target was increased to 354.0mcm. Initially 44.2mcm light of target. Demand was 359.3mcm
- A UKCS Supply Loss resulted in a 11.7mcm reduction and left balance 56.6mcm below target at 8:00am
- Renominations seen during the morning from MRS, IUK, Norway and LNG left system balanced by 14:30.
- Gas Quality issues at a UKCS sub terminal resulted in a 100% TFA. This resulted in an overall reduction of 5.5mcm loss on the day.
- LNG reduced by 5.0mcm at 18:00hrs and balance had returned to a deficit of 15mcm.
- Balance was 5.3mcm light at midnight when decision taken to trade. Bought 3.6mcm.
- An hour later and the balance had deteriorated to 5.8mcm light so a further 2.1mcm was purchased. Only response is a 1.1mcm increase from MRS.
- System closed at 350.6mcm. A loss of 1.5mcm on the day.

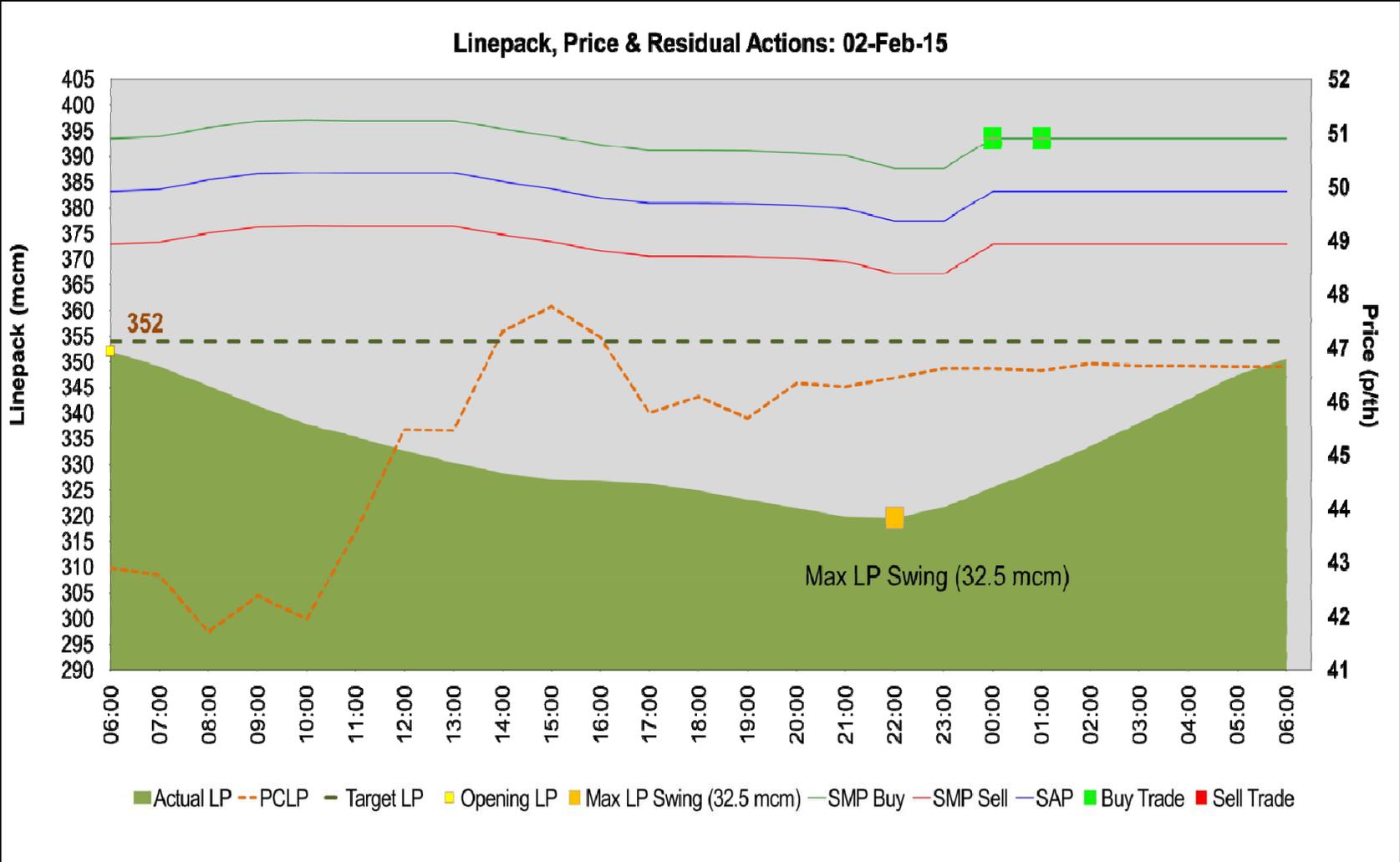
# Gas Day: 2nd February Timeline



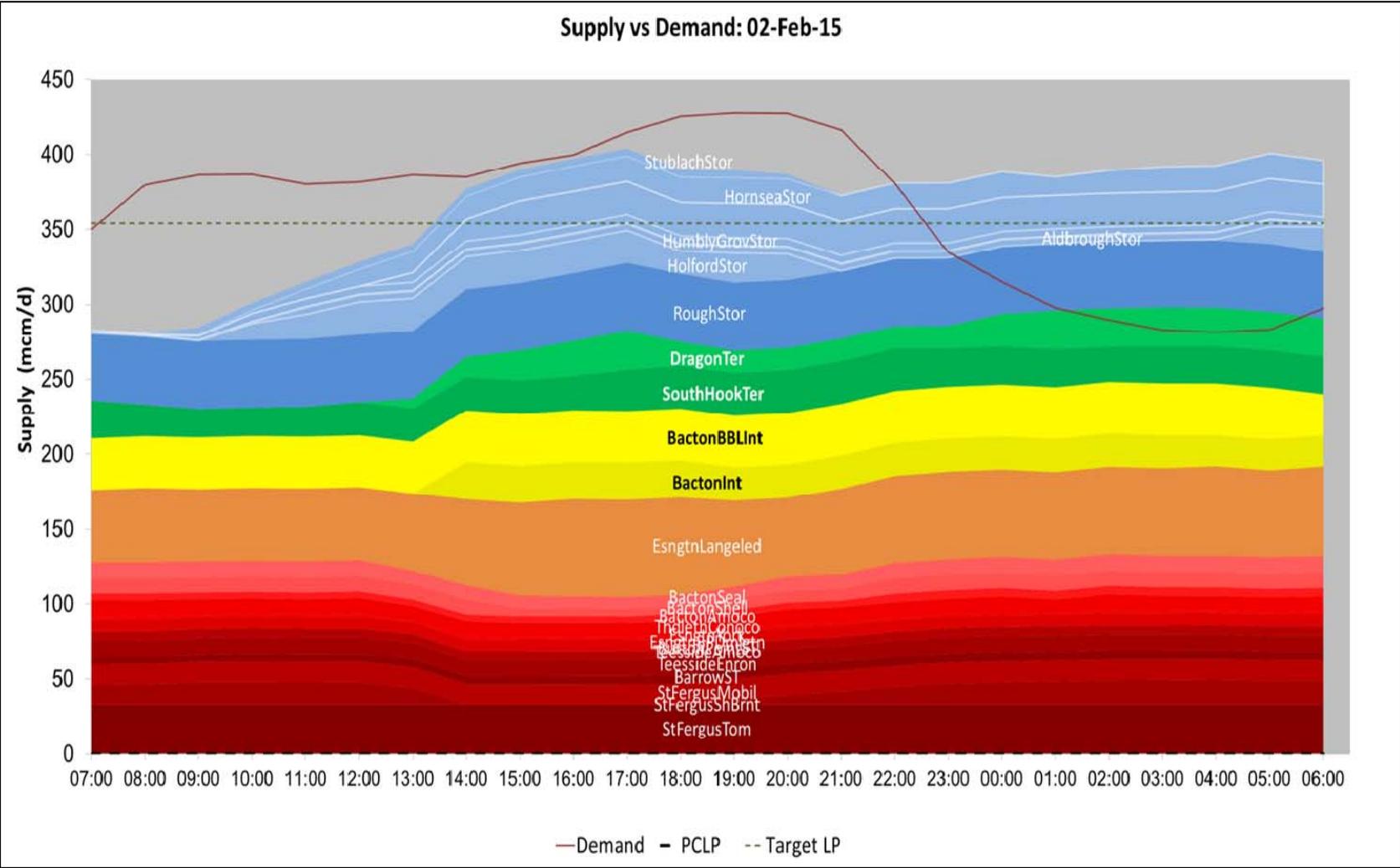
# Instantaneous Supply v Demand



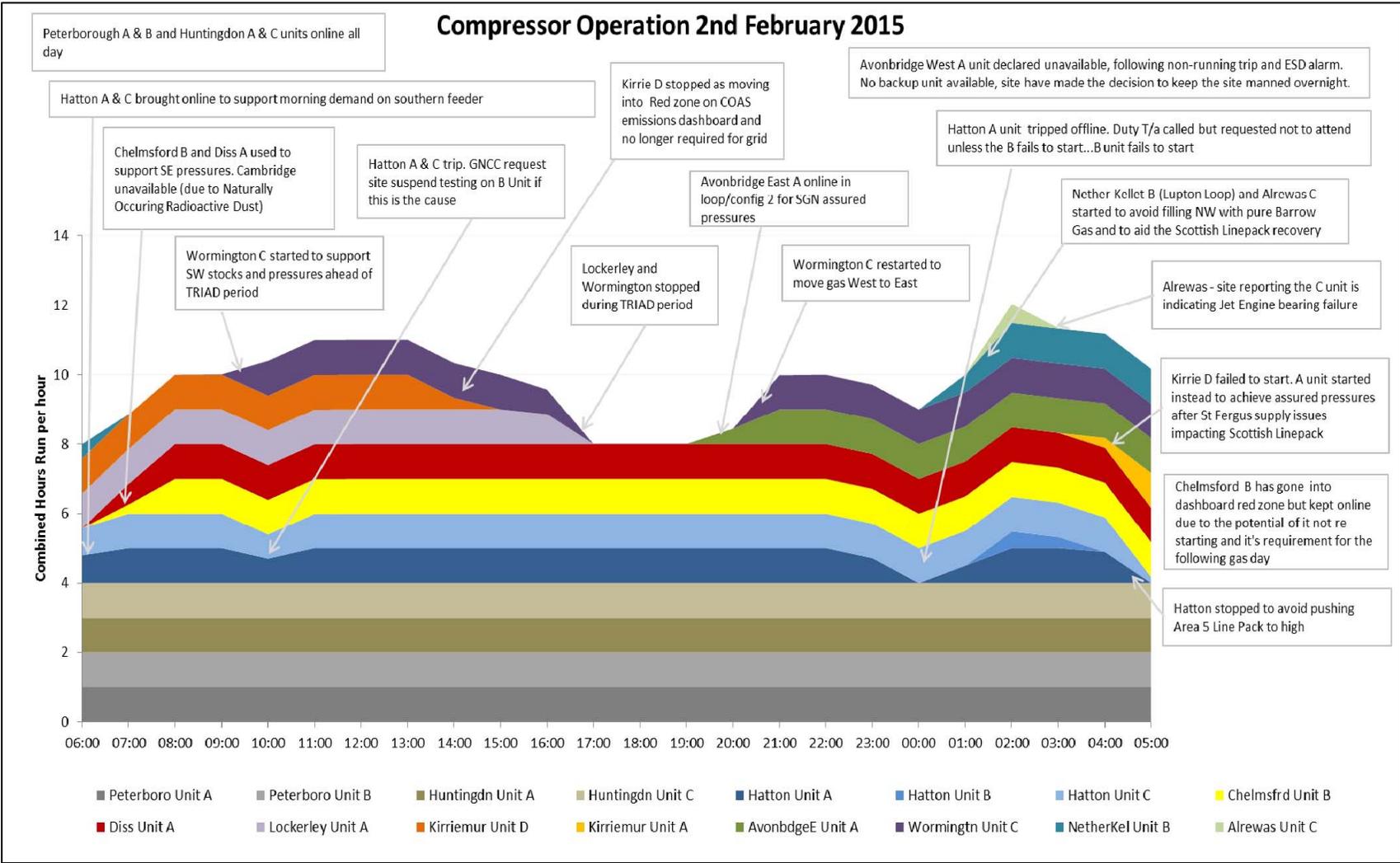
# Gas Day Chart



# Gas Day Supply



# Gas Day Chart



## Gas Day 11th February 2015



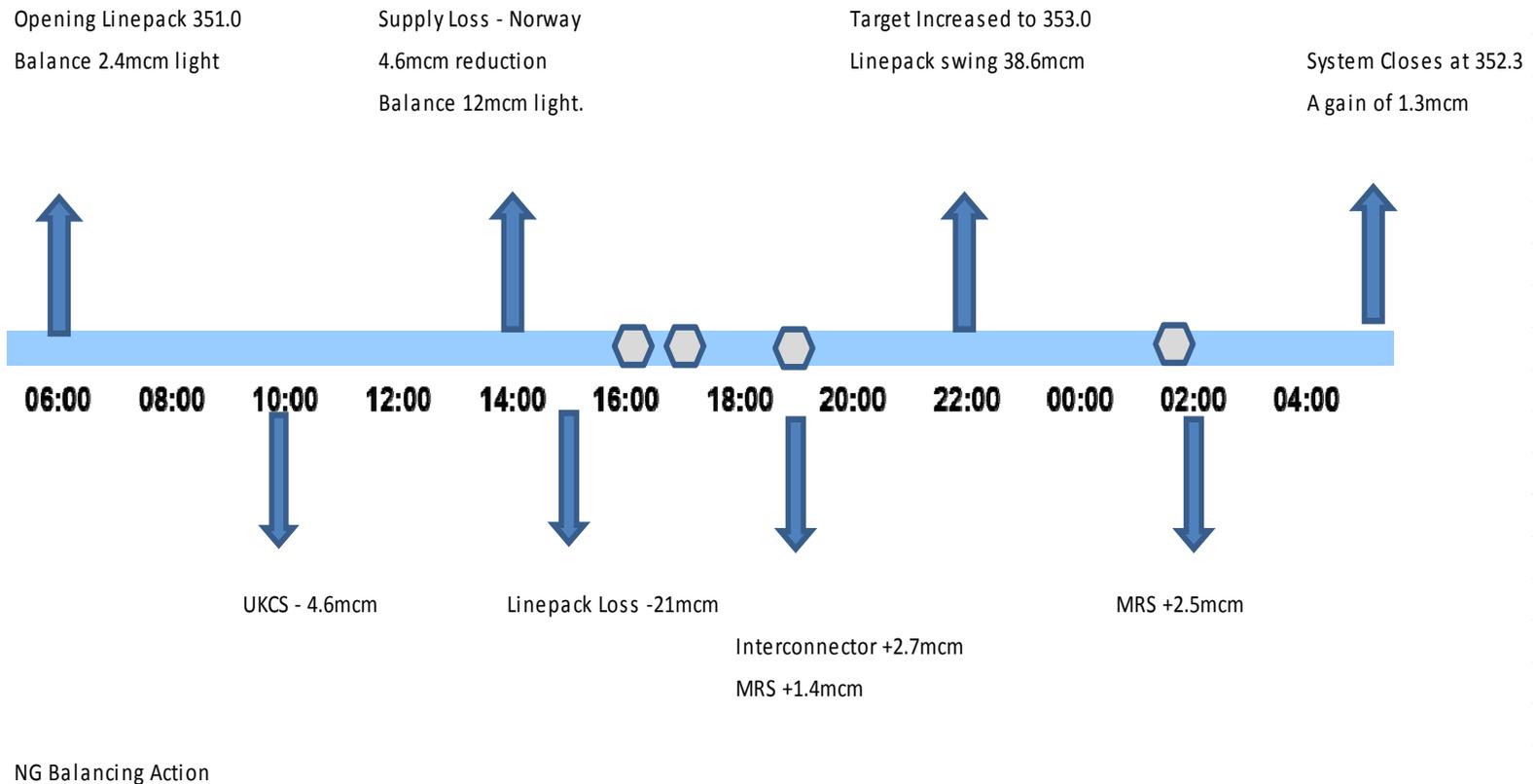
Operational Performance  
NTS Optimisation

## Overview

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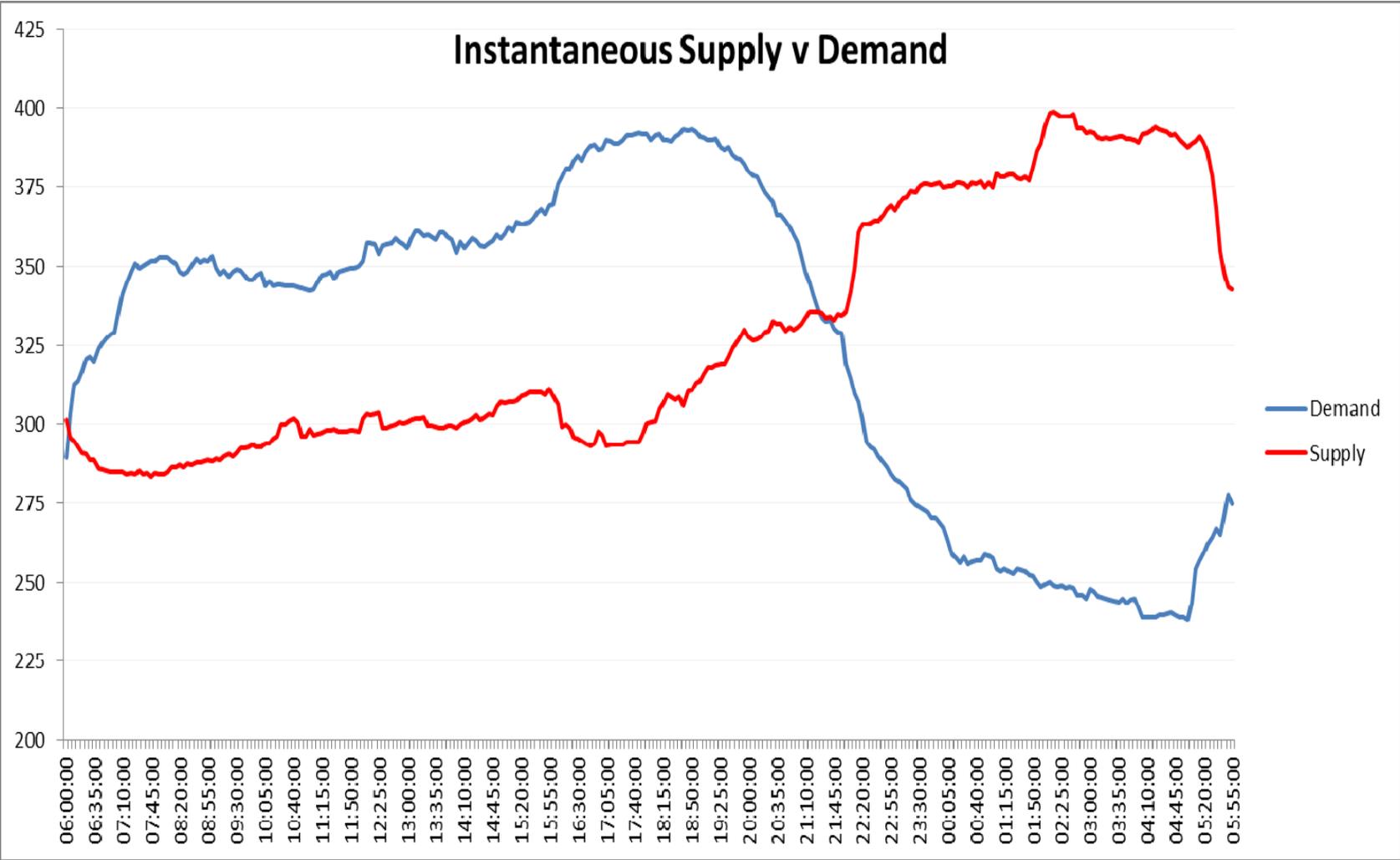
- The system opened at 351mcm which was taken as target, with PCLP just 2.4mcm light.
- 32.6mcm swing was predicted at the start of the day.
- A supply loss from Norway reduced inputs by 4.6mcm. With a UKCS sub terminal also reducing by a similar amount, PCLP was 12mcm light.
- Balancing actions were carried out at 16:00 and 17:00 in an attempt to address the imbalance and therefore reduce the forecast stock depletion. 3.0mcm was procured.
- Interconnector and LNG increased and we saw some MRS withdrawal. However, only one of the renominations increased supplies before 21:00. At 19:00 stock depletion was at 34mcm and falling and another buy action taken (0.6mcm)
- By 22:00, stock had fallen to 312.4mcm with the associated within day swing of 38.6mcm. With stock well distributed extremity pressures remained comfortable and all 22:00 pressures were met.
- Target linepack was increased to 353.0mcm. This was on the back of: the recent trend of large swings; an associated increased vulnerability to supply losses; a minimal risk from over delivery with the system able to absorb any additional stock comfortably. With the system 5mcm light, a further 0.67mcm was bought, lifting SMPB to 55.0p. Responses were seen from Interconnectors, LNG and MRS
- By 02:00 PCLP was 2.2mcm heavy of the revised target and the NTS restocking peaking at around 6mcm per hour. All DN 06:00 pressures were achieved and the day closed at 352.3mcm.

# Gas Day: 11th February Timeline



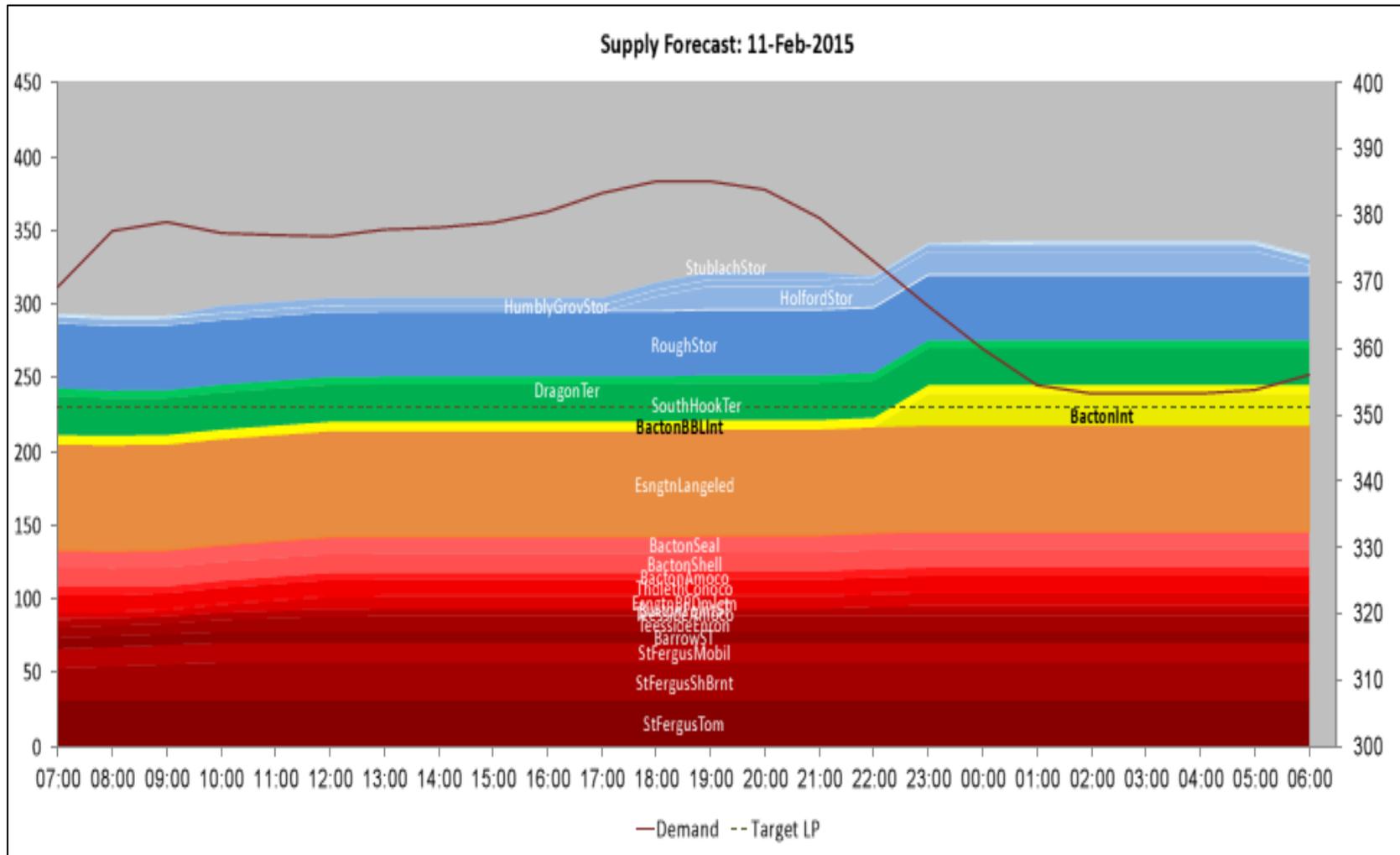
**NB: Linepack losses were generally as a result of within day profiling. The supply reductions, whilst not insignificant, were not the primary reason for the record within day loss subsequently seen on the Network.**

# Instantaneous Supply v Demand



# 0600 Gas Day Supply Profile vs Demand

nationalgrid



# Gas Day Chart

