

# Winter Outlook Briefing

## 13<sup>th</sup> December 2005

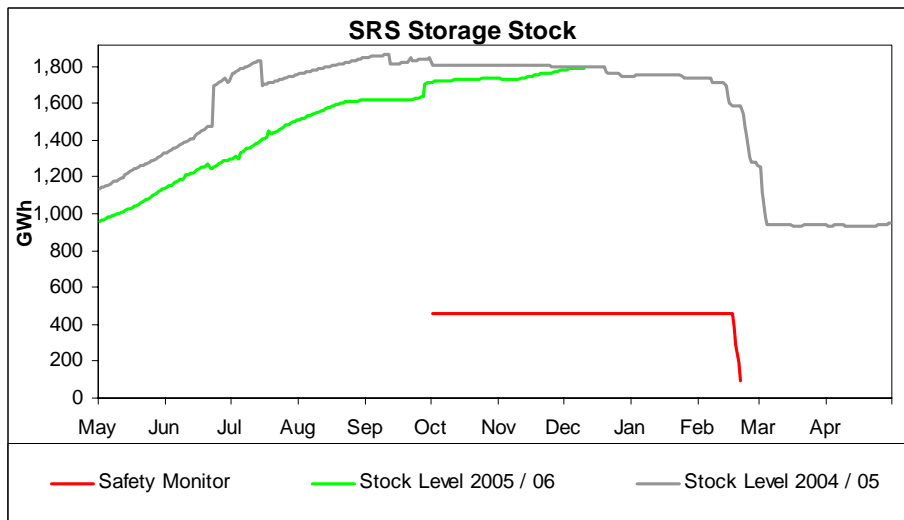
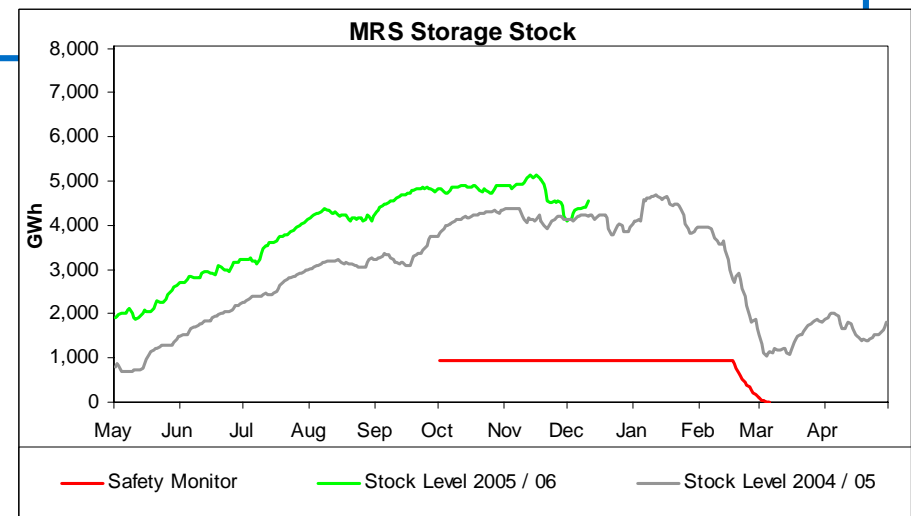
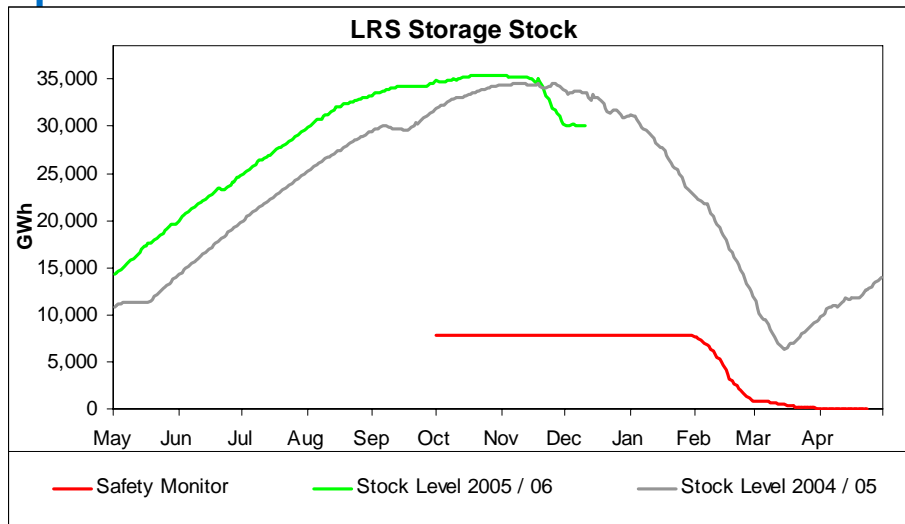
Winter Update & Storage Safety Monitor  
Management

*Paul Green*

UK Transmission

# Safety Monitors

## as at 9<sup>th</sup> December 2005



- Consumers protected by monitor include all:
- Domestic customers
  - Other non-daily metered loads
  - Priority “firm” customers
  - Firm exports to Ireland

# Safety Monitor Tracking

06:00

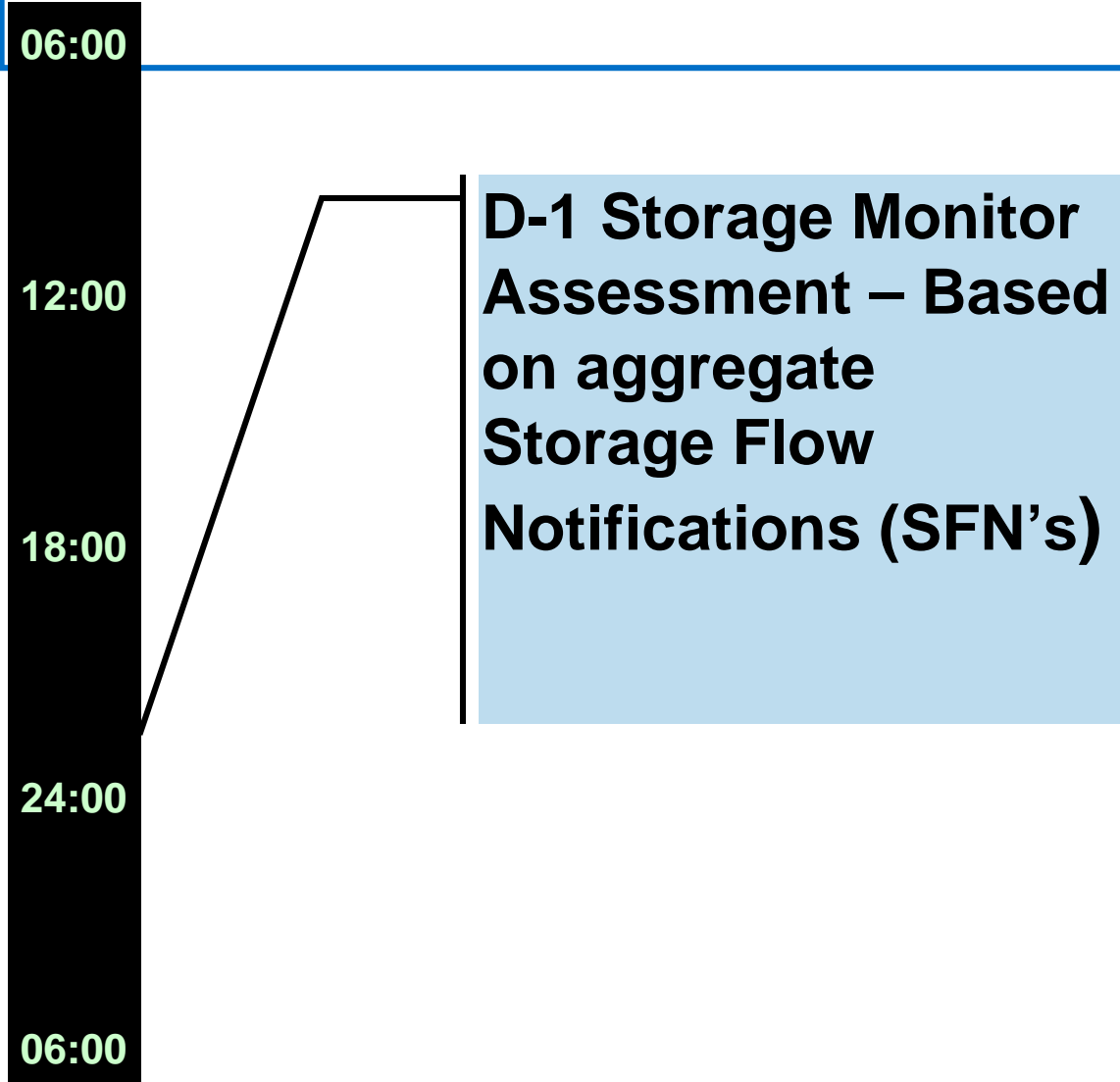
12:00

18:00

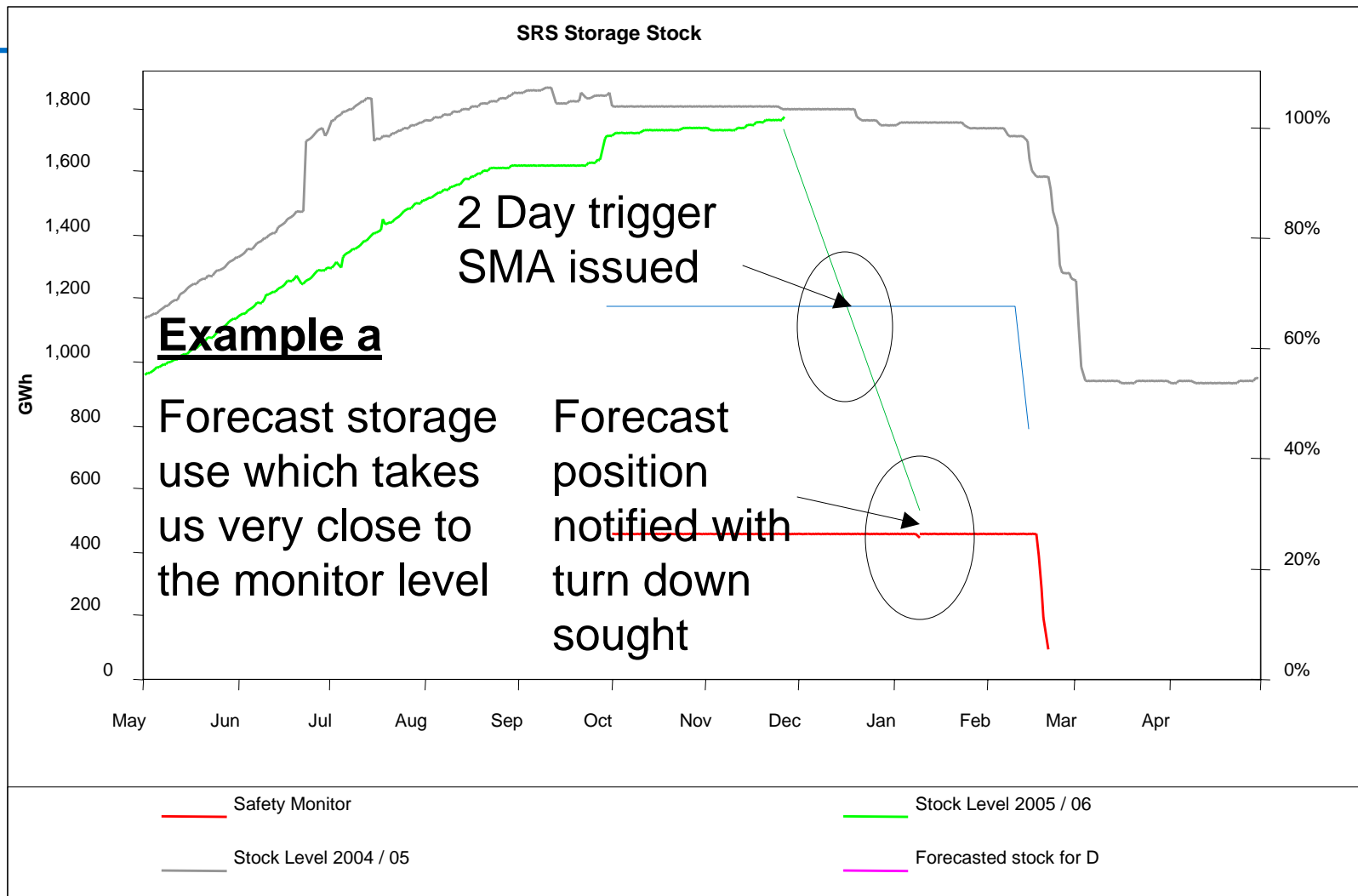
24:00

06:00

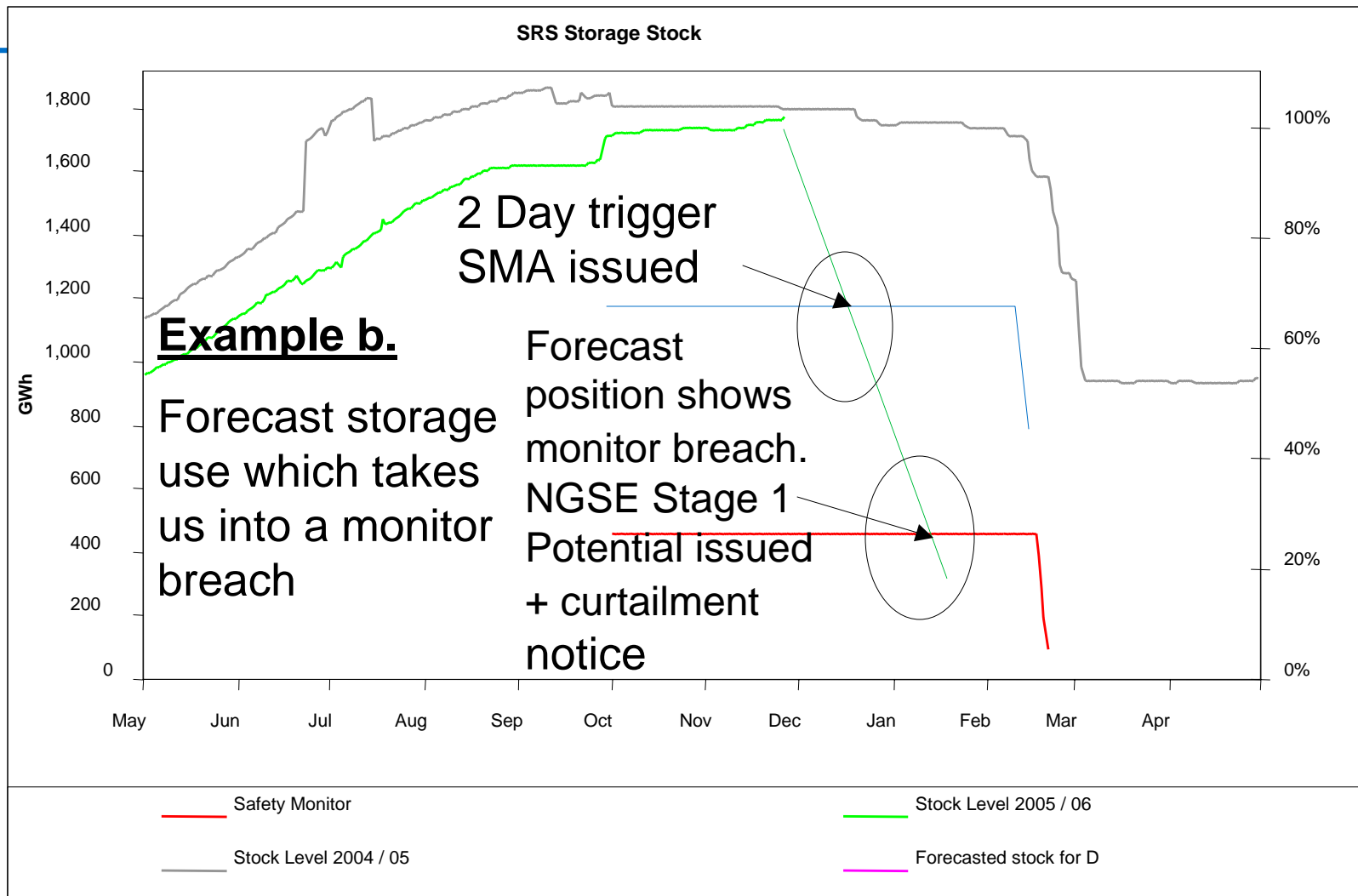
**D-1 Storage Monitor  
Assessment – Based  
on aggregate  
Storage Flow  
Notifications (SFN's)**



# Management of Safety Monitor



# Management of Safety Monitor



# Safety Monitor Tracking

06:00

12:00

18:00

24:00

06:00

**Gas Day - Safety  
Monitor Breach  
Notification +  
Stage 1 “Potential”  
Network Gas Supply  
Emergency**

# Safety Monitor Tracking

## - Start of Gas Day

06:00

12:00

18:00

24:00

06:00

**System Balance Re-assessed, prior to to any further action being undertaken.**

***Note: No Emergency Interruption called, unless further action required***

# Network Gas Supply Emergency

## GS(M)R Safety Monitors Breach

- Safety Monitors ensure continued safe control of the Network should the UK experience a severe winter
- If the safety monitor is breached for any storage type, the NEC will declare an emergency
- This type of emergency could be protracted and stay in place until either
  - The storage gas under the monitors is replenished, or
  - The monitor levels decline as the winter ends

# Emergency Decision Tree

## Options Available

		NGSE GDE	NGSE GS(M)R	NGSE CTC
STAGE 1 Potential	Emergency Spec Gas	✓	✗	✓
	Primary System Linepack	✓	✗	✓
	Secondary System Storage	✓	✗	✓
	Emergency Interruption	✓	✓	✓
	Public Appeal 1 & 2	✓	✓	✓
	Amend Storage Delivery	✗	✓	✗
STAGE 2 Declaration	Maximise Beach Gas	✓	✓	✗
	Maximise Storage	✓	✓	✓
	Suspension of OCM	✓	✓	✗
	Public Appeal 1 & 2	✓	✓	✓
STAGE 3 Firm Load Shedding	VLDMCs inc Interconnector	✓	✗	✓
	Protected by Isolation customers	✗	✓	✗
	Public Appeal 1	✓	✓	✓
	Flow GSMR Storage Gas	✗	✓	✗
	Consumers >25,000 tpa	✓	✗	✓
	Sites protected by monitor	✗	✓	✗
	Public Appeal 2	✓	✓	✓
STAGE 4 Isolation	Allocation	✓	✓	✓
	Isolation	✓	✓	✓
STAGE 5 Restoration	Restoration of supply	✓	✓	✓
	Revocation of previous stages	✓	✓	✓



# Emergency Arrangements GSM(R) Safety Monitor



**Review being under taken  
to look at separating out**

**Emergency Interruption as a  
*Stage 1a Action* for GSM(R)  
Safety Monitor Breach**

# Communications Summary

- Storage Position notified Daily
- 2 Day “Alert” notified to community
  - Via ANS
  - Posted to Website
- Safety Monitor Position communicated to industry via Daily Summary Report
- Monitor Breach Notification sent to Industry, in conjunction with declaration of a Stage 1 “Potential” Network Gas Supply Emergency
- NEC notification letter sent to Shippers, Storage Operators & Primary System Transporter.
- Further Updates notified via the Stage 1 Emergency Notification Process
  - Market remains in play at stage 1
  - No automatic use of Emergency Interruption