



Industry Exercises 2009-2010

Paul Youngman

nationalgrid

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Agenda

- ◆ **What has been done**

- ◆ NEC Exercises 2008 - 2009
- ◆ Update on actions from Prelude

- ◆ **Programme for the rest of 2009 and into 2010**

- ◆ Exercise Quartz

2008 - 2009

Network Emergency Coordinator exercises

- ◆ Prelude Nov 4th ,5th 2008
 - 24 recommendations

- ◆ Quantity May 13th 2009
 - Strategy exercise with the NEMT
 - HSE observed

- ◆ Somsa Exit
 - Exercise Quartet June 11th
 - Testing processes, communications and transporters data exchange

Actions from Prelude

Completed

- ◆ E3 documents revised and aligned with DN's. Training materials updated
- ◆ DN's have been establishing their own control rooms and engaging with Shippers and Consumers
- ◆ Systems updates (Lotus Notes and ESP) and investigation of the repeated sending of fax notification (SC2004)
- ◆ Best Practice

Actions from Prelude

In Progress

- ◆ Emergency Contact Details
 - Update of the information for consumers regarding emergency responsibilities
 - Wales and West initiative for Shipper Contact details

- ◆ Closer integration of 'Upstream'
 - Participation in recent DECC exercise 'Marcelle'

- ◆ Fax notifications
 - Initial view is that there would need to be changes to code
 - Ensure that changes have support
 - Aspiration for a more efficient method of communication however there are wider issues
 - Consumers facilities
 - Contingency process in the event of system failure

Network Gas Supply Emergency (NGSE) Classification			
	Gas Deficit: Insufficient Gas Supplies Available to the NTS		Critical Transportation Constraint in the NTS
Emergency Stage	Gas Deficit Emergency (Section 4.3.1)	GSMR Monitor Breach (Section 4.3.2)	Critical Transportation Constraint (Section 4.3.3)
1 (Potential)	<ul style="list-style-type: none"> •Emergency Spec Gas •NTS Linepack •Distribution Network Storage •Emergency Interruption •Public Appeal 1 	<ul style="list-style-type: none"> •Instruct shippers & storage operators to amend storage flows •Emergency Interruption •Public Appeal 1 	<ul style="list-style-type: none"> •Emergency Spec Gas •NTS Linepack •Distribution Network Storage •Emergency Interruption •Public appeal 1
2	<ul style="list-style-type: none"> •National Grid Gas plc's participation in the OCM will be suspended •Maximise Supplies •Public Appeal 1 	<ul style="list-style-type: none"> •National Grid Gas plc's participation in the OCM will be suspended •Maximise Supplies •Public Appeal 1 	<ul style="list-style-type: none"> •National Grid Gas plc will continue to participate in the OCM •Maximise Storage •Public Appeal 1
3	<ul style="list-style-type: none"> •Firm Load Shedding 	<ul style="list-style-type: none"> •Firm Load Shedding 	<ul style="list-style-type: none"> •Firm Load Shedding
4	<ul style="list-style-type: none"> •Allocation & Isolation 	<ul style="list-style-type: none"> •Allocation & Isolation 	<ul style="list-style-type: none"> •Allocation & Isolation
5	Restoration		

Exercises 2009 - 2010

Exercise Quartz October 14th - 15th

- ◆ Downstream and upstream test of the E3 procedures
 - Engagement through DECC for upstream
 - Initial Gas Availability Reports in pre-stage one actions
 - At least one round of Terminal Group Leader reports
 - Downstream actions will include
 - Interruptible and firm demand management
 - Restoration processes

- ◆ Interactions between control rooms

Exercises 2009 - 2010

Programme for 2010 includes a number of smaller exercises and integrates with DECC exercises

- ◆ March – May in conjunction with individual Distribution Network exercises to focusing on demand management and isolation procedures
- ◆ June – July DECC are planning a large gas emergency based exercise
- ◆ Autumn 2010 NEC Exercise

What other industry processes ?

Industry commercial processes for:

- Emergency Curtailment Quantity
- Emergency Cashout / Emergency Claims processes
- Storage Curtailment Quantity

Scope ?

- All shippers to play or a limit to the number of shippers ?
- Time period 1day – 2day ?
- Real time balance ? Or a modelled opening balance for each player ?
- System mechanics of testing this dynamic environment ?
 - How would price be determined ?
 - How would you like this communicated ?
- Level of interaction with large consumers ?

Comments, ideas and feedback appreciated if you feel this type of test is required